

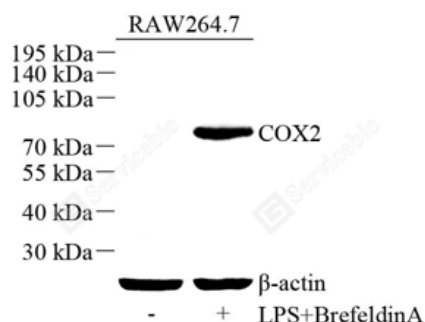


Product name:	Recombinant Anti-COX2/Cyclooxygenase 2 antibody (Rabbit mAb)
Cat number:	ABS155672
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 µL
Clone:	2COX
Concentration:	1mg/ml
Isotype:	IgG, κ
Immunogen:	Recombinant protein corresponding to Human COX2
Reactivity:	Human, Mouse, Rat
Applications:	WB 1: 500-1: 1500 IHC/IF 1: 100-1: 300
Molecular Weight:	74 kDA
Purification:	Affinity purification
Background:	Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis.
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Subcategory name:	Primary Antibodies

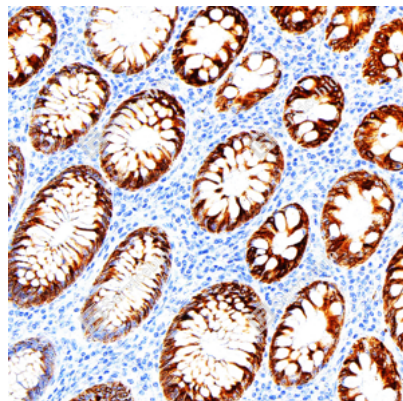
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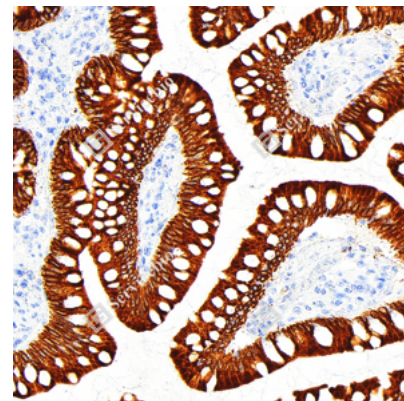
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



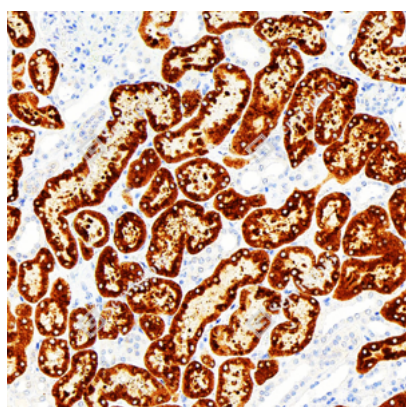
WB analysis of COX2/Cyclooxygenase
2. Sample: Protein treated by RIPA
Lysis Buffer . Blocking buffer: 3%
Nonfat dry milk in TBST, RT, 1h.
Primary antibody: 1: 500, 4°C overnight.
Secondary antibody: HRP conjugated
Goat Anti-Rabbit IgG , 1: 3000, RT, 1h.



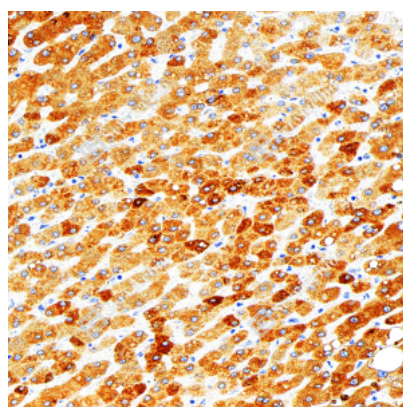
IHC analysis of COX2/Cyclooxygenase
2. Sample: Human colon, 4% PFA
12-24h. Antigen retrieval: TE buffer ,
pressure cooker 2 min. Primary
antibody: 1: 200, 4°C overnight.
Secondary antibody: S-vision poly-HRP
conjugated Goat Anti-Rabbit IgG ,
Ready to use, RT, 20min.



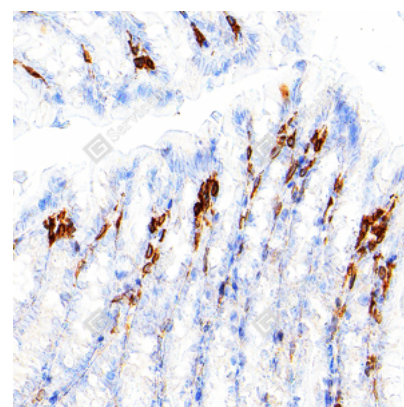
IHC analysis of COX2/Cyclooxygenase
2. Sample: Human colon, 4% PFA
12-24h. Antigen retrieval: TE buffer ,
pressure cooker 2 min. Primary
antibody: 1: 200, 4°C overnight.
Secondary antibody: S-vision poly-HRP
conjugated Goat Anti-Rabbit IgG ,
Ready to use, RT, 20min.



IHC analysis of COX2/Cyclooxygenase
2. Sample: Human kidney, 4% PFA
12-24h. Antigen retrieval: TE buffer ,
pressure cooker 2 min. Primary
antibody: 1: 200, 4°C overnight.
Secondary antibody: S-vision poly-HRP
conjugated Goat Anti-Rabbit IgG ,
Ready to use, RT, 20min.



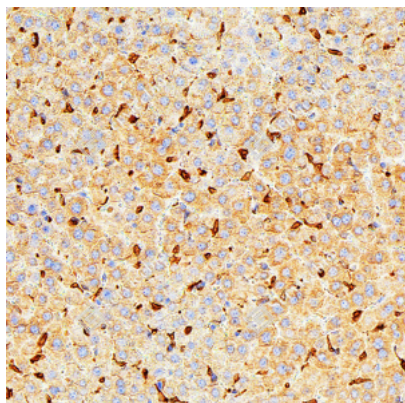
IHC analysis of COX2/Cyclooxygenase
2. Sample: Human liver, 4% PFA
12-24h. Antigen retrieval: TE buffer ,
pressure cooker 2 min. Primary
antibody: 1: 200, 4°C overnight.
Secondary antibody: S-vision poly-HRP
conjugated Goat Anti-Rabbit IgG ,
Ready to use, RT, 20min.



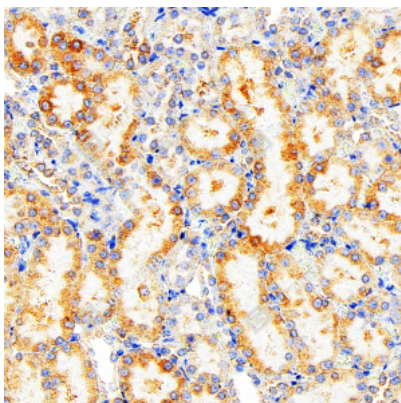
IHC analysis of COX2/Cyclooxygenase
2. Sample: Mouse colon, 4% PFA
12-24h. Antigen retrieval: TE buffer ,
pressure cooker 2 min. Primary
antibody: 1: 200, 4°C overnight.
Secondary antibody: S-vision poly-HRP
conjugated Goat Anti-Rabbit IgG ,
Ready to use, RT, 20min.

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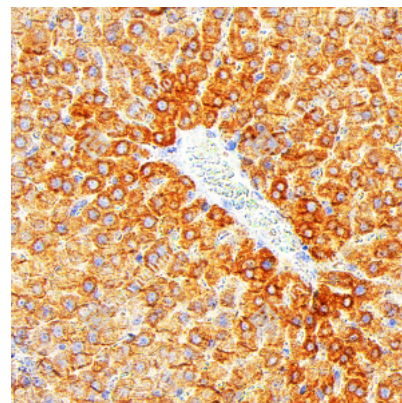
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IHC analysis of COX2/Cyclooxygenase 2. Sample: Mouse liver, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG , Ready to use, RT, 20min.

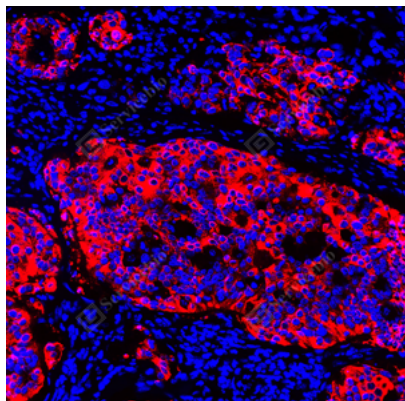


IHC analysis of COX2/Cyclooxygenase 2. Sample: Rat kidney, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG , Ready to use, RT, 20min.

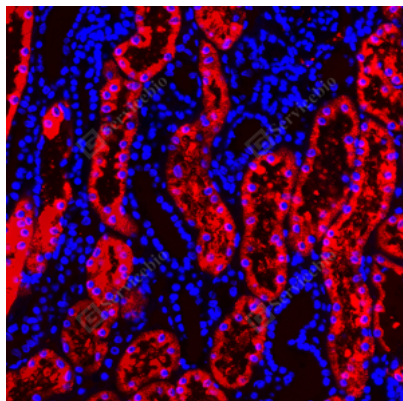


IHC analysis of COX2/Cyclooxygenase 2. Sample: Rat liver, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG , Ready to use, RT, 20min.

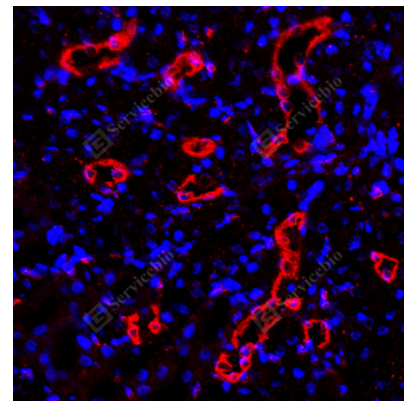
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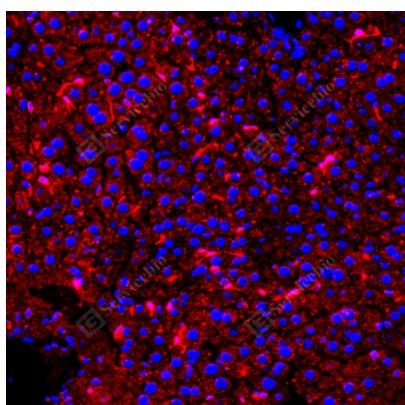
IF analysis of COX2/Cyclooxygenase 2red. Sample: Human colon cancer, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300, RT, 1h.



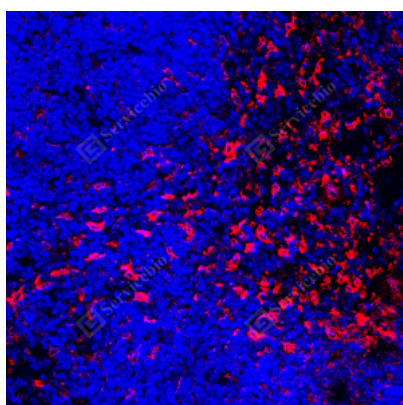
IF analysis of COX2/Cyclooxygenase 2red. Sample: Human kidney, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300, RT, 1h.



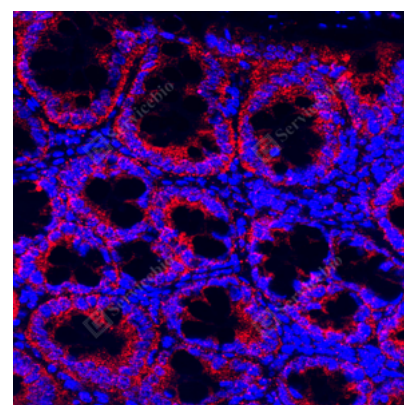
IF analysis of COX2/Cyclooxygenase 2red. Sample: Mouse kidney, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300, RT, 1h.



IF analysis of COX2/Cyclooxygenase 2red. Sample: Mouse liver, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300, RT, 1h.

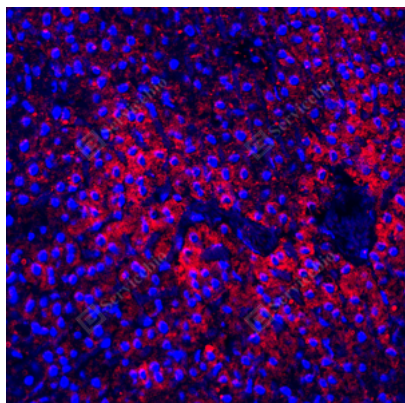


IF analysis of COX2/Cyclooxygenase 2red. Sample: Mouse spleen, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300, RT, 1h.



IF analysis of COX2/Cyclooxygenase 2red. Sample: Rat colon, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300, RT, 1h.

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