

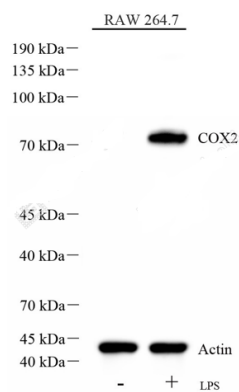


Product name:	Anti-COX2/Cyclooxygenase 2 Rabbit Polyclonal Antibody
Cat number:	ABS115672
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 µL
Synonyms:	PTGS2, COX-2, COX2, GRIPGHS, PGG/HS, PGHS-2, PHS-2, hCox-2, prostaglandin-endoperoxide synthase 2
Clone:	POLY
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse COX2
Reactivity:	Mouse
Applications:	WB 1: 1000-1: 3000
Molecular Weight:	69 kDa / 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 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

For Research Use Only

IMMUNOLOGICAL SCIENCES

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: 2000, 4°C overnight.
Secondary antibody: HRP conjugated
Goat Anti-Rabbit IgG (H+L), 1: 3000,
RT, 1h

For Research Use Only
IMMUNOLOGICAL SCIENCES

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