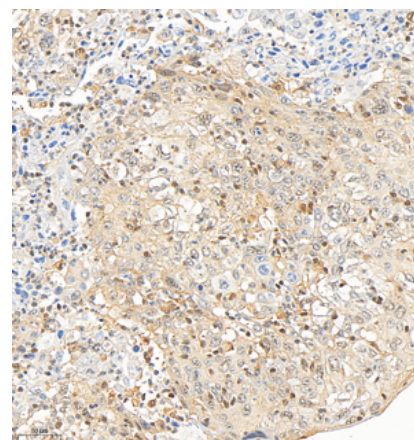
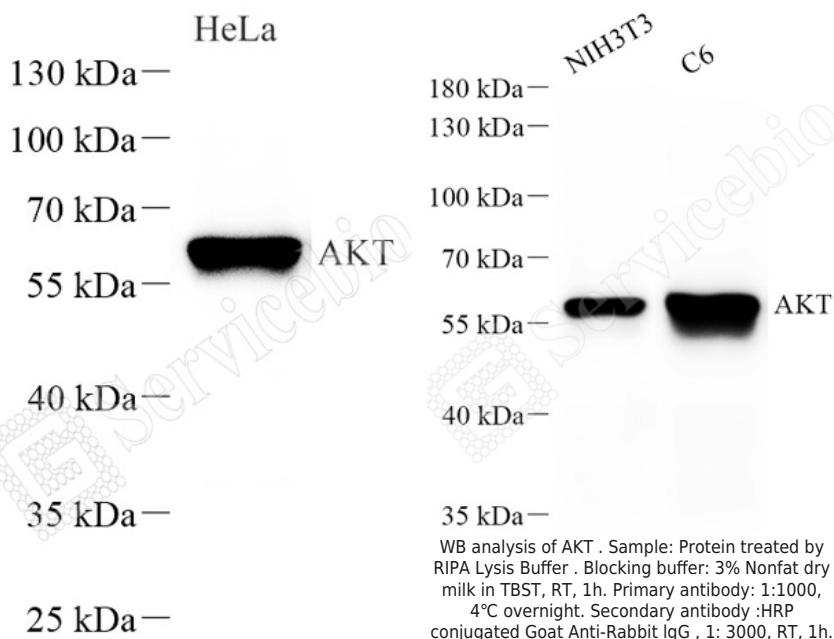
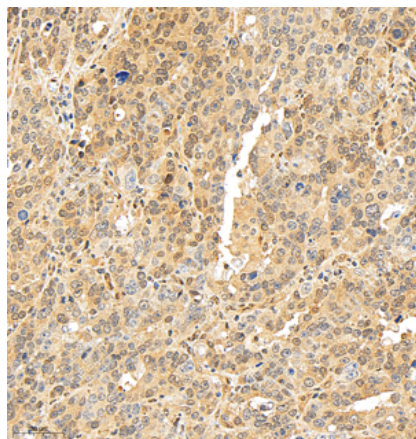
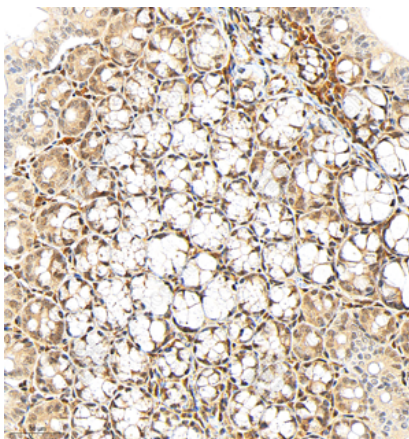

Product name:	Recombinant Anti-AKT antibody (Rabbit mAb)
Cat number:	ABS15689
Conjugate:	unconjugated
Size:	100 µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	KLH conjugated Synthetic peptide corresponding to Human AKT
Reactivity:	Human, Mouse, Rat
Applications:	IHC/IF 1: 500-1: 1000
Molecular Weight:	56 kDa / 60 kDa
Purification:	Affinity purification
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.
Background:	AKT1 is one of 3 closely related serine/threonine-protein kinases (AKT1, AKT2 and AKT3) called the AKT kinase, and which regulate many processes including metabolism, proliferation, cell survival, growth and angiogenesis. This is mediated through serine and/or threonine phosphorylation of a range of downstream substrates. Over 100 substrate candidates have been reported so far, but for most of them, no isoform specificity has been reported.



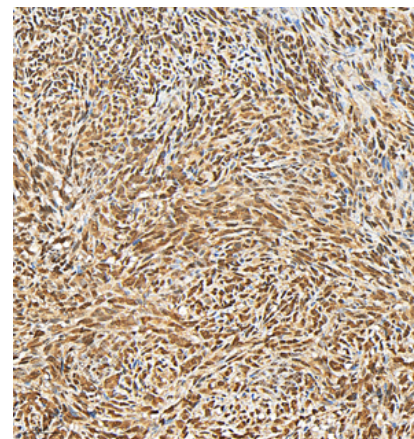
IHC analysis of AKT. Sample: Human cervical carcinoma, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.



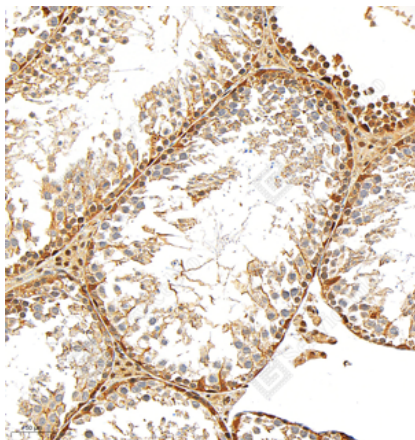
IHC analysis of AKT. Sample: Human gastric carcinoma, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.



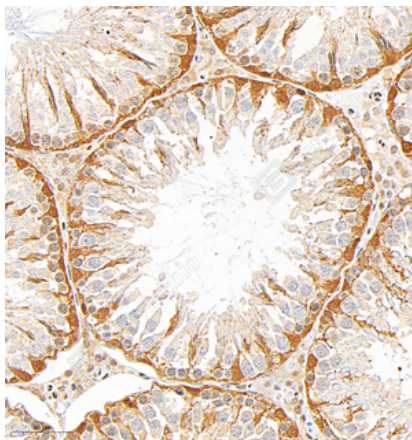
IHC analysis of AKT. Sample: Mouse colon, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.



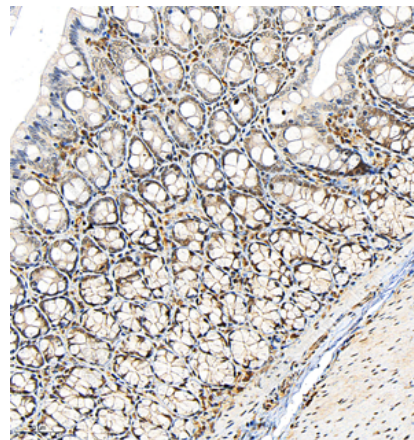
IHC analysis of AKT. Sample: Mouse subcutaneous nude mouse model of 4T1 cell, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.



IHC analysis of AKT. Sample: Mouse testis, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.



IHC analysis of AKT. Sample: Rat testis, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.



IHC analysis of AKT. Sample: Rat colon, 4% PFA 12-24h. Antigen retrieval: Citrate buffer , pressure cooker 2min. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 200, RT, 1h.