Product Name: **Cyclooxygenase 1 Rabbit Monoclonal Antibody**
Catalog #: **AMRe85447**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 69 kDa; Observed MW: 69 kDa

Antigen Information

Gene Name	Cyclooxygenase 1
Alternative Names	PTGS1; COX1; Prostaglandin G/H synthase 1; Cyclooxygenase-1; COX-1; Prostaglandin H2 synthase 1; PGH synthase 1; PGHS-1; PHS 1; Prostaglandin-endoperoxide synthase 1
Gene ID	5742.0
SwissProt ID	P23219
Immunogen	A synthetic peptide of human COX1/Cyclooxygenase 1

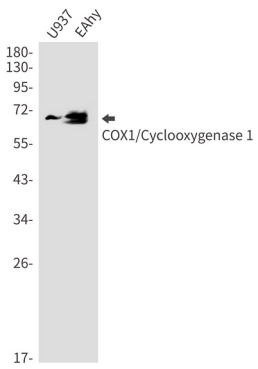
Background

Cyclooxygenase-1 May play an important role in regulating or promoting cell proliferation in some normal and neoplastically transformed cells. Belongs to the prostaglandin G/H synthase family. Homodimer. 2 isoforms of the human protein are

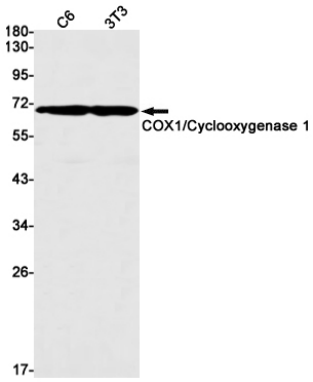
produced by alternative splicing.

Research Area

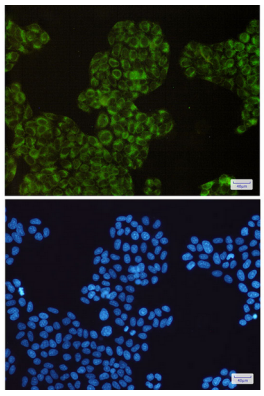
Image Data



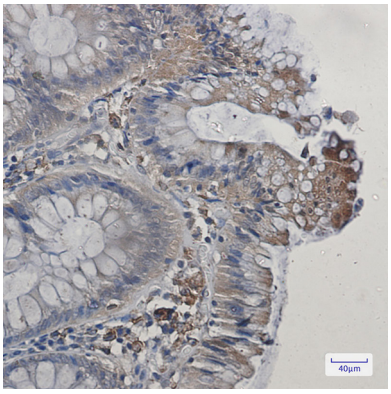
Western blot analysis of COX1/Cyclooxygenase 1 in U937, EAhy lysates using Cyclooxygenase 1 antibody.



Western blot analysis of COX1/Cyclooxygenase 1 in C6, 3T3 lysates using COX1/Cyclooxygenase 1 antibody.



Immunocytochemistry analysis of COX1/Cyclooxygenase 1(green) in Hela using COX1/Cyclooxygenase 1 antibody,and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using COX1/Cyclooxygenase 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.