

Product Name: Cyclooxygenase 1 Rabbit Monoclonal Antibody
Catalog #: AMRe01843



Summary

Production Name	Cyclooxygenase 1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PTGS1
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
SwissProt ID	P23219

Application

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

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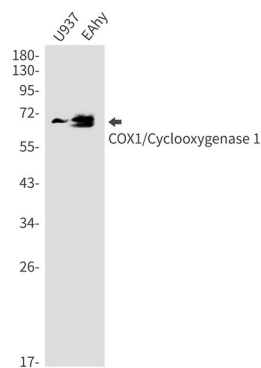
Background

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.

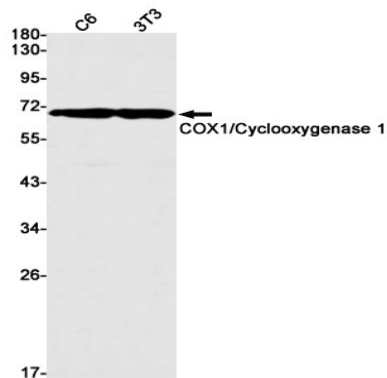
Research Area

Immunology

Image Data

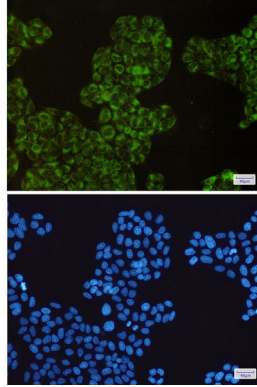


Western blot analysis of COX1/Cyclooxygenase 1 in U937, EAhy lysates using Cyclooxygenase 1 antibody.

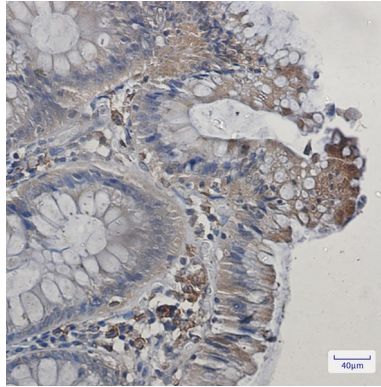


Western blot analysis of COX1/Cyclooxygenase 1 in C6, 3T3 lysates using COX1/Cyclooxygenase 1 antibody.

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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.

Note

For research use only.