
Product Name: Cyclooxygenase 1 Rabbit Monoclonal antibody**Catalog #: AMRe01843**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,IP |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Concentration | 0.2mg/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 | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Purification | Affinity Purified |

Application

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

Antigen Information

| | |
|--------------------------|---|
| 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 |
| Immunogen | A synthetic peptide of human COX1/Cyclooxygenase 1 |

Background

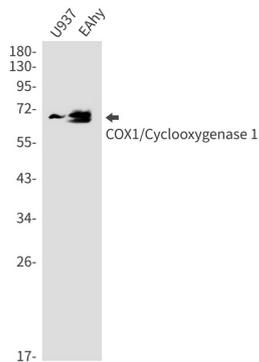
Cyclooxygenase-1 May play an important role in regulating or promoting cell proliferation in some normal and neoplastically

transformed cells. Belongs to the prostaglandin G/H synthase family. Homodimer. 2 isoforms of the human protein are produced by alternative splicing.

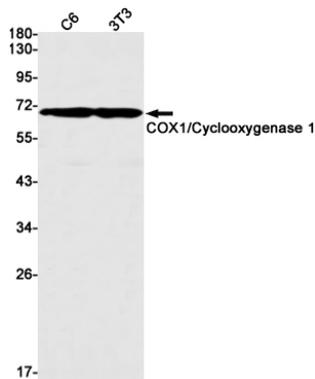
Research Area

Immunology

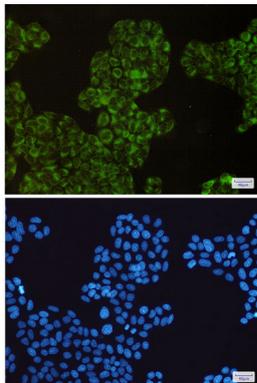
Image Data



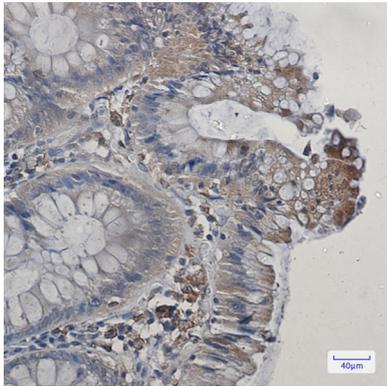
Western blot analysis of COX1/Cyclooxygenase 1 in U937, EAhy lysates using Cyclooxygenase 1 antibody.



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



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.