

Anti-PTGS1 antibody (1-180) (STJ29480)

STJ29480

GENERAL INFORMATION

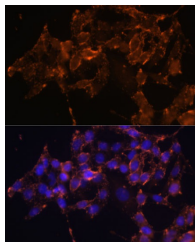
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

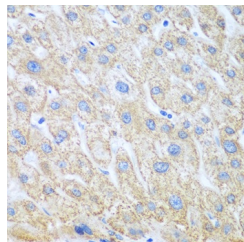
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:100-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

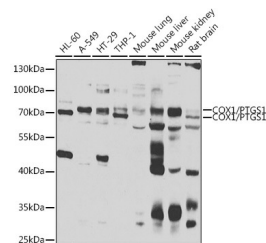
Gene ID	5742
Gene Symbol	PTGS1
Uniprot ID	PGH1_HUMAN
Immunogen	
Immunogen Region	1-180
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human COX1/COX1/PTGS1 (NP_001258094.1).
Immunogen Sequence	MLMRLVLTVRSNLPSPPTY NSAHDIYSWESFSNVSYTR ILPSVPKDCPTPMGTGKQKQ LPDAQLLARRFLRRKFIPD PQGTNLMFAFFAQHFTHQFF KTSQKMGPGFTKALGHGVDL GHYGDNLERQYQLRLFKDG KLYQVLDGEMYPSPVEEAP VLMHYPRGIQPPSQMAVGQE



Immunofluorescence analysis of HeLa cells using COX1/COX1/PTGS1 Polyclonal Antibody (STJ29480) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using COX1/COX1/PTGS1 antibody (STJ29480) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using COX1/COX1/PTGS1 antibody (STJ29480) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000855) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 15s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081