

Anti-PTGS2 antibody (375-604) (STJ111060)

STJ111060

GENERAL INFORMATION

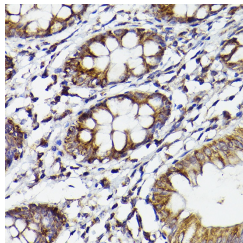
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

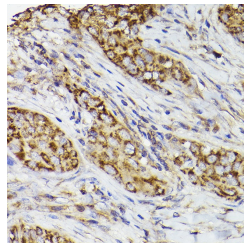
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

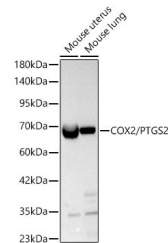
Gene ID	5743
Gene Symbol	PTGS2
Uniprot ID	PGH2_HUMAN
Immunogen	
Immunogen Region	375-604
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 375-604 of COX2/PTGS2 (NP_000954.1).
Immunogen Sequence	PLLPDTFQIHDQKYNYYQQFI YNNSILLEHGITQFVESFTR QIAGRVAGGRNVPPAVQKVS QASIDQSRQMKYQSFNEYRK RFMLKPYESFEELTGEKEMS AELEALYGDIDAVELYPALL VEKPRPDAIFGETMVEVGAP FSLKGLMGNVICSPAYWKPS TFGGEVGFQIINTASIQSLI CNNVKGCPFTSFVSPDELI KVTINASSRSRGLDDINPT VLLKERSTEL



Immunohistochemistry analysis of COX2/PTGS2 in paraffin-embedded human colon using COX2/PTGS2 Rabbit polyclonal antibody (STJ111060) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of COX2/PTGS2 in paraffin-embedded human breast cancer using COX2/PTGS2 Rabbit polyclonal antibody (STJ111060) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using COX2/PTGS2 Rabbit polyclonal antibody (STJ111060) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJ5000656) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: A 90s.

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.

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