

Rabbit PTGES2 Polyclonal Antibody | anti-PTGES2 antibody

PTGES2 Polyclonal Antibody

CATALOG # AAA281057	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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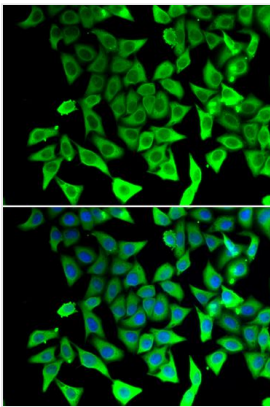
PRODUCT SYNONYMS

PTGES2; Polyclonal Antibody; PTGES2 Polyclonal Antibody; C9orf15; GBF-1; GBF1; mPGES-2; PGES2; anti-PTGES2 antibody

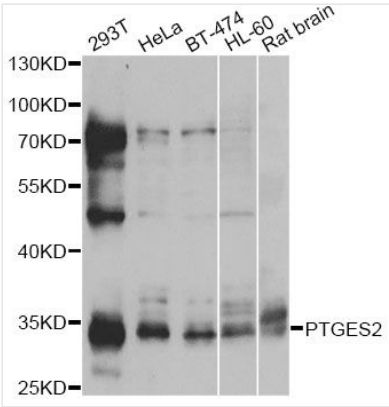
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	ERSAAQLSLS SRLQLTLYQY KTCPFCSKVR AFLDFHALPY QVVEVNPVRR AEIKFSSYRK VPILVAQEGE SSQQLNDSSV IISALKTYLV SGQPLEEIT YYPAMKAVNE QGKEVTEFGN KYWLMLNEKE AQQVYGGKEA RTEEMKWRQW ADDWLHLIS PNVYRTPTEA LASFDYIVRE GKFGAVEGAV AKYMGAAAMY LISKRLKSRH RLQDNVREDL YEAADKWVAA VGKDRPFMGG QKPNLADLAV YGVLR
Sequence Length	186
Applicable Applications for anti-PTGES2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human PTGES2
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Golgi apparatus membrane, Single-pass membrane protein, perinuclear region
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using PTGES2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PTGES2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGES2 antibody	The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene.
Product Categories/Family for anti-PTGES2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	373251223
NCBI GeneID	80142
NCBI Accession #	NP_001243264.1
NCBI GenBank Nucleotide #	NM_001256335.1
UniProt Accession #	Q9H7Z7; Q53EW9; Q5SYV6; Q96GI0; Q96GL2
Molecular Weight	Calculated: 41kDa Observed: 34kDa
NCBI Official Full Name	prostaglandin E synthase 2 isoform 2
NCBI Official Synonym Full Names	prostaglandin E synthase 2
NCBI Official Symbol	PTGES2
NCBI Official Synonym Symbols	GBF1; GBF-1; PGES2; C9orf15; mPGES-2
NCBI Protein Information	prostaglandin E synthase 2
UniProt Protein Name	Prostaglandin E synthase 2
UniProt Gene Name	PTGES2
UniProt Synonym Gene Names	C9orf15; PGES2; mPGES-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

