

Rabbit anti-Human, Mouse PTGES2 Polyclonal Antibody | anti-PTGES2 antibody

Rabbit anti-PTGES2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221073	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

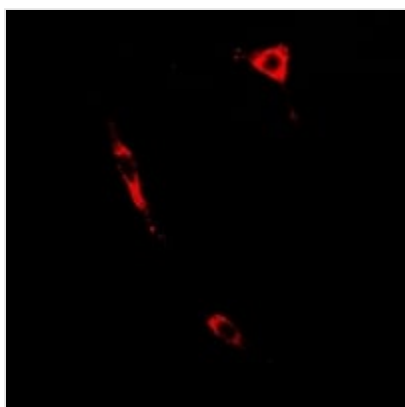
PRODUCT SYNONYMS

PTGES2; Polyclonal Antibody; Rabbit anti-PTGES2 Antibody; C9orf15; PGES2; Prostaglandin E synthase 2; Microsomal prostaglandin E synthase 2; mPGES-2; anti-PTGES2 antibody

PRODUCT SPECIFICATIONS

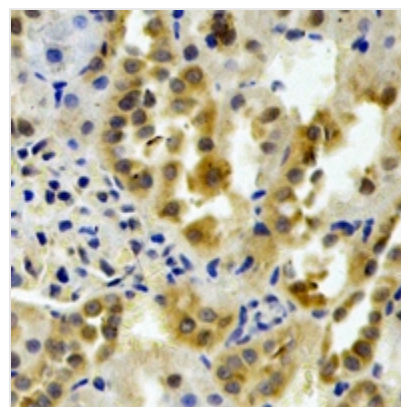
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PTGES2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PTGES2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



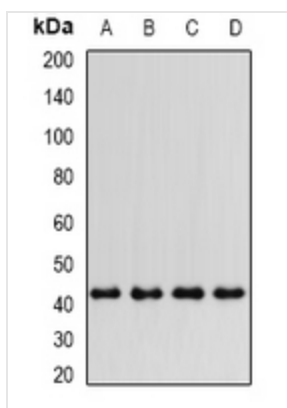
IF (Immunofluorescence)

Immunofluorescent analysis of PTGES2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PTGES2 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PTGES2 expression in Hela (A), HL60 (B), mouse kidney (C), mouse heart (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTGES2 antibody

Primary 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; Q8BWM0
Molecular Weight	41,943 Da
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; GATE-binding factor 1; microsomal prostaglandin E synthase-2; membrane-associated prostaglandin E synthase 2; gamma-interferon-activated transcriptional element-binding factor 1
UniProt Protein Name	Prostaglandin E synthase 2
UniProt Gene Name	PTGES2
UniProt Synonym Gene Names	C9orf15; PGES2; mPGES-2
UniProt Entry Name	PGES2_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptges2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221073>