

Rabbit PGDS Polyclonal Antibody | anti-HPGDS antibody

PGDS antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199950	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

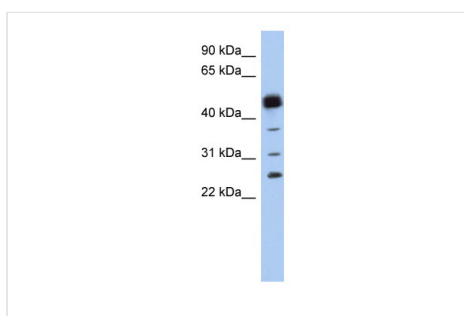
PRODUCT SYNONYMS

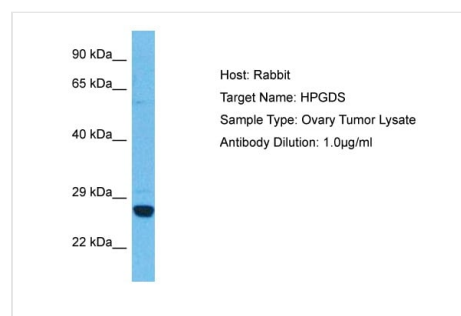
PGDS; Polyclonal Antibody; PGDS antibody - N-terminal region; anti-HPGDS antibody

PRODUCT SPECIFICATIONS

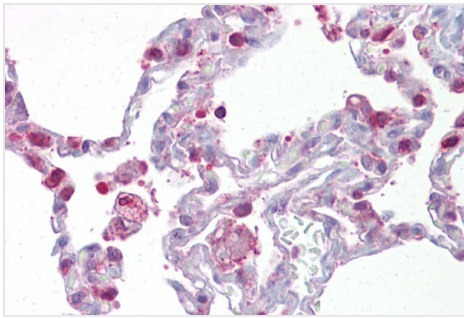
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EQ ADWPEIKSTL PFGKPILEV DGLTLHQSLA IARYLTKNTD LAGNTEME
Sequence Length	199
Applicable Applications for anti-HPGDS antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PGDS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PGDS Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Spleen

WB (Western Blot)

Host: Rabbit
Target Name: HPGDS
Sample Type: Ovary Tumor Lysate
Antibody Dilution: 1.0 µg/ml



IHC (Immunohistochemistry)
Lung

ADDITIONAL INFORMATION

Related Product Information for anti-HPGDS antibody	This is a rabbit polyclonal antibody against PGDS. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PGDS is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-HPGDS antibody	Polyclonal; Drugs and Drug Metabolism; Various; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657457
NCBI GeneID	27306
NCBI Accession #	NP_055300
NCBI GenBank Nucleotide #	NM_014485
UniProt Accession #	O60760
Molecular Weight	23kDa
NCBI Official Full Name	hematopoietic prostaglandin D synthase
NCBI Official Synonym Full Names	hematopoietic prostaglandin D synthase
NCBI Official Symbol	HPGDS
NCBI Official Synonym Symbols	GSTS; PGD2; PGDS; GSTS1; GSTS1-1
NCBI Protein Information	hematopoietic prostaglandin D synthase
UniProt Protein Name	Hematopoietic prostaglandin D synthase
UniProt Gene Name	HPGDS
UniProt Synonym Gene Names	GSTS; PGDS; PTGDS2; H-PGDS
UniProt Entry Name	HPGDS_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.

