

Rabbit anti-Human HPGD Polyclonal Antibody | anti-HPGD antibody

HPGD Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232527	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

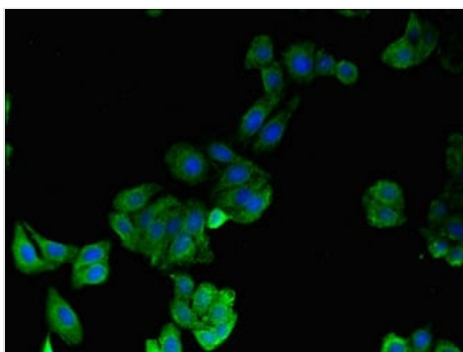
PRODUCT SYNONYMS

HPGD; Polyclonal Antibody; HPGD Antibody; 15-hydroxyprostaglandin dehydrogenase [NAD(+)] 15-PGDH; Prostaglandin dehydrogenase 1; Short chain dehydrogenase/reductase family 36C member 1; PGDH1; SDR36C1; anti-HPGD antibody

PRODUCT SPECIFICATIONS

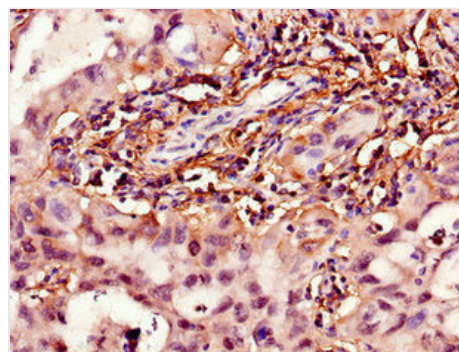
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	266
Applicable Applications for anti-HPGD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human 15-hydroxyprostaglandin dehydrogenase [NAD(+)] protein (14-130AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48908 / sc-48910 / sc-98907
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232527 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA232527 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-HPGD antibody	Prostaglandin inactivation. Contributes to the regulation of events that are under the control of prostaglandin levels. Catalyzes the NAD-dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4. Inhibits in vivo proliferation of colon cancer cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542939
NCBI GeneID	3248
NCBI Accession #	NP_000851.2
NCBI GenBank Nucleotide #	NM_000860.5
UniProt Accession #	P15428; O00749; Q06F08; Q12998; B4DTA4; B4DU74; B4DV57; D3DP43; E7EV11
Molecular Weight	21,526 Da
NCBI Official Full Name	15-hydroxyprostaglandin dehydrogenase
NCBI Official Synonym Full Names	hydroxyprostaglandin dehydrogenase 15-(NAD)
NCBI Official Symbol	HPGD
NCBI Official Synonym Symbols	PGDH; PGDH1; PHOAR1; 15-PGDH; SDR36C1
NCBI Protein Information	15-hydroxyprostaglandin dehydrogenase [NAD(+)]
UniProt Protein Name	15-hydroxyprostaglandin dehydrogenase [NAD(+)]
UniProt Gene Name	HPGD
UniProt Synonym Gene Names	PGDH1; SDR36C1; 15-PGDH
UniProt Entry Name	PGDH_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/hpgd-antibody-immunofluorescence-immunohistochemistry-elisa/232527>