

Rabbit HPGD Polyclonal Antibody | anti-HPGD antibody

HPGD Antibody (C-term)

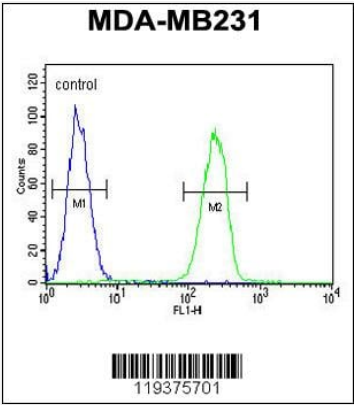
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285065	Rabbit	Human (Predicted Reactivity: Monkey)	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

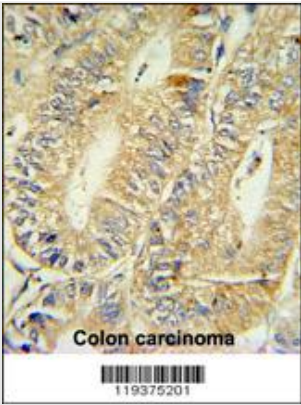
HPGD; Polyclonal Antibody; HPGD Antibody (C-term); 15-hydroxyprostaglandin dehydrogenase [NAD(+)]; 15-PGDH; Prostaglandin dehydrogenase 1; PGDH1; anti-HPGD antibody

PRODUCT SPECIFICATIONS

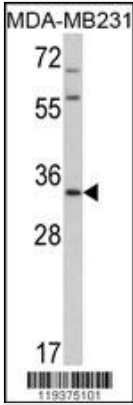
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HPGD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-212 amino acids from the C-terminal region of human HPGD.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	184-212
Sequence Length	198
Applicable Applications for anti-HPGD antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HPGD Antibody (C-term) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
HPGD Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HPGD Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HPGD Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). HPGD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HPGD antibody	HPGD is a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. This protein is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation.
Product Categories/Family for anti-HPGD antibody	Immunology; Signal Transduction
References	Thill,M., et.al., Anticancer Res. 29 (9), 3619-3625 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542939
NCBI GeneID	3248
NCBI Accession #	NP_000851.2; NP_001139288.1; NP_001243230.1; NP_001243234.1; NP_001243235.1; NP_001243236.1
NCBI GenBank Nucleotide #	NM_000860.5
UniProt Accession #	P15428; O00749; Q06F08; Q12998; B4DTA4; B4DU74; B4DV57; D3DP43; E7EV11
Molecular Weight	28977

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-immunohistochemistry-western-blot-flow-cytometry-elisa/285065>