

Datasheet for ABIN185316
anti-HPGD antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	HPGD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HPGD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Prostaglandin dehydrogenase 1
Immunogen:	C-DYDTTPFQAKTQ
Sequence:	DYDTTPFQAK TQ
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

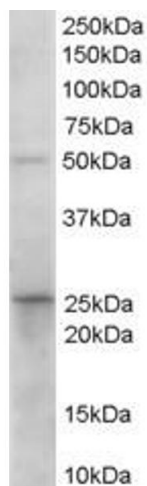
Target:	HPGD
Alternative Name:	HPGD (HPGD Products)
Background:	HPGD, Prostaglandin dehydrogenase 1, PGDH1, 15-PGDH, hydroxyprostaglandin dehydrogenase 15-(NAD), PGDH, SDR36C1, NAD ⁺ -dependent 15-hydroxyprostaglandin dehydrogenase, short chain dehydrogenase/reductase family 36C, member 1
Gene ID:	3248
NCBI Accession:	NP_000851

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Colon and Liver. Recommended concentration: 2.5 µg/mL. Western Blot: Experiments gave bands at approx 26 kDa and 50 kDa in Human Duodenum lysates after 0.1 µg/mL antibody staining. These bands correspond to earlier findings in literature with different antibodies (PMID: 11889207). This protein has a calculated Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

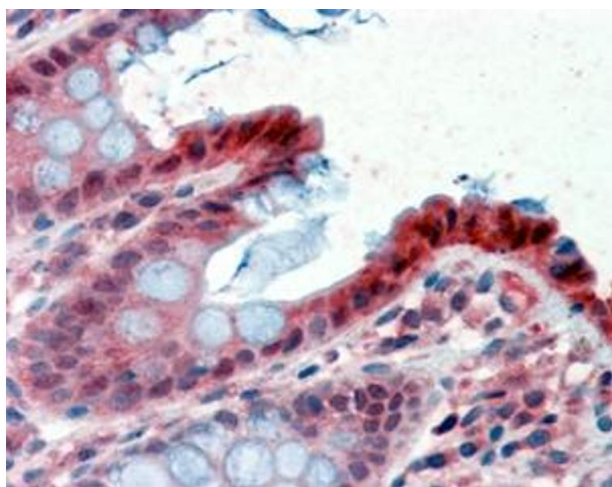
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN185316 (0.1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN185316 (2.5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.