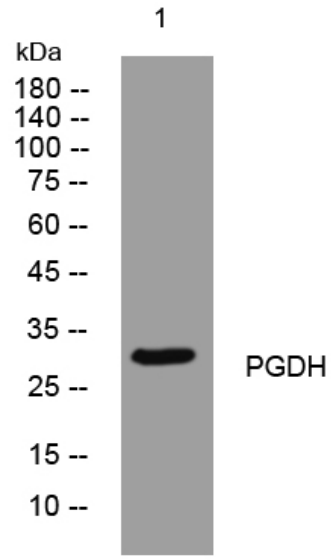
PGDH rabbit pAb

Catalog No	BYab-08892
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	HPGD PGDH1
Protein Name	PGDH
Immunogen	Synthesized peptide derived from human PGDH AA range: 192-242
Specificity	This antibody detects endogenous levels of PGDH at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm.
Tissue Specificity	Detected in colon epithelium (at protein level).
Function	catalytic activity:(5Z,13E,15S)-11-alpha,15-dihydroxy-9-oxoprost-5,13-dienoate + NAD(+) = (5Z,13E)-11-alpha-hydroxy-9,15-dioxoprost-5,13-dienoate + NADH.,disease:Defects in HPGD are the cause of cranioosteoarthropathy (COA) [MIM:259100]. Clinical features include infantile onset of swelling of the joints, digital clubbing, hyperhidrosis, delayed closure of the fontanels, periostosis, and variable patent ductus arteriosus. Pachydermia is not a prominent feature.,disease:Defects in HPGD are the cause of primary hypertrophic osteoathropathy autosomal recessive (PHOAR) [MIM:259100]; also known as pachydermoperiostosis autosomal recessive. Primary hypertrophic osteoarthropathy is characterized by digital clubbing, osterarthropathy, variable features of pachydermia, delayed closure of the fontanels, and congenital heart disease.,function:Inactivation of prostaglandins.,similarity:Belongs to th

Background	This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night