

Recombinant HPGD/15-PGDH Monoclonal Antibody

catalog number: **AN300028P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

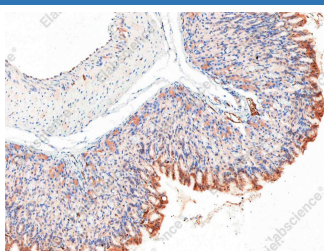
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human HPGD / 15-PGDH protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110024
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

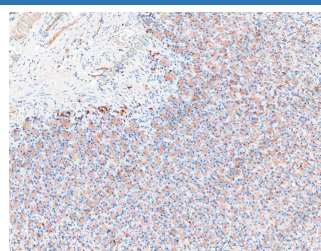
Recommended Dilution

IHC	1:200-1:1000
WB	1:2000-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

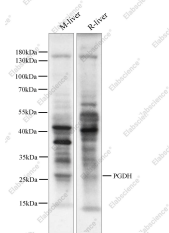
Data



Immunohistochemical analysis of paraffin-embedded Mouse stomach tissue sections using HPGD/15-PGDH Antibody (AN300028P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat stomach tissue sections using HPGD/15-PGDH Antibody (AN300028P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of Mouse liver and Rat liver cell lysates using HPGD/15-PGDH Antibody (AN300028P) at a dilution of 1:3000.

Observed-MW:25kD

Calculated-MW:29kD

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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Rev. V1.7

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 craniosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],

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