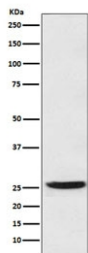


15-PGDH Antibody / HPGD [clone AEFF-8] (RQ5486)

Catalog No.	Formulation	Size
RQ5486	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AEFF-8
Purity	Affinity purified
UniProt	P15428
Applications	Western Blot : 1:500-1:2000
Limitations	This 15-PGDH antibody is available for research use only.



Western blot testing of human SW480 cell lysate with 15-PGDH antibody. Predicted molecular weight: ~29 kDa.

Description

The HPGD gene encodes a member of the short-chain non-metalloenzyme 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 cranoosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [RefSeq]

Application Notes

Optimal dilution of the 15-PGDH antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human 15 PGDH / HPGD was used as the immunogen for the 15-PGDH antibody.

Storage

Store the 15-PGDH antibody at -20oC.