

Product datasheet for **TA308509**

Prostaglandin dehydrogenase 1 (HPGD) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Pig)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 205 and 266 of 15-PGDH (Uniprot ID#P15428)
Formulation:	1XPBS, 40% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	hydroxyprostaglandin dehydrogenase 15-(NAD)
Database Link:	NP_001139288 Entrez Gene 3248 Human P15428
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]
Synonyms:	15-PGDH; PGDH; PGDH1; PHOAR1; SDR36C1

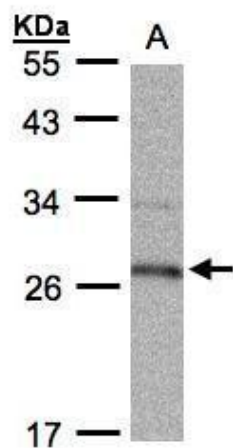


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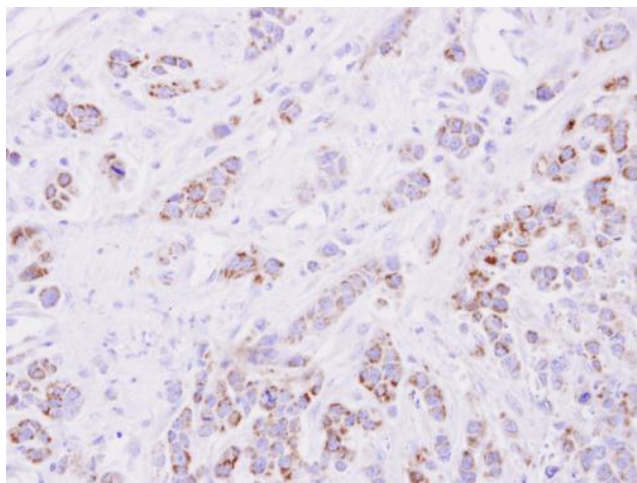
Note: Seq homology of immunogen across species: Pig (83%)

Protein Families: Druggable Genome

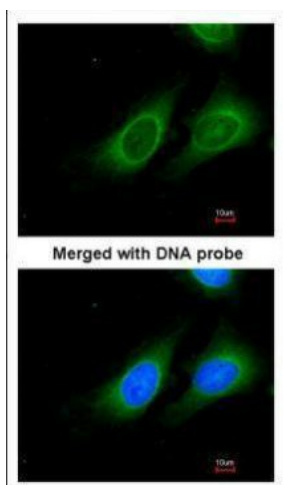
Product images:



Sample (30ug whole cell lysate). A:Raji. 12% SDS PAGE. TA308509 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded MDA-MB-468 xenograft, using 15-PGDH (TA308509) antibody at 1:500 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using 15-PGDH (TA308509) antibody at 1:200 dilution.