

Product datasheet for **TA308143**

MVD Rabbit Polyclonal Antibody

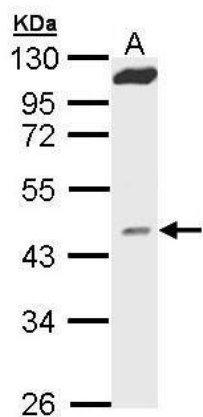
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 242 of MVD (Uniprot ID#P53602)
Formulation:	0.1M Tris, 0.1M Glycine, 10% 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:	43 kDa
Gene Name:	mevalonate diphosphate decarboxylase
Database Link:	NP_002452 Entrez Gene 81726 RatEntrez Gene 192156 MouseEntrez Gene 4597 Human P53602
Background:	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq]
Synonyms:	FP17780; MDDase; MPD
Note:	Seq homology of immunogen across species: Mouse (90%), Rat (91%), Bovine (87%)
Protein Pathways:	Metabolic pathways, Terpenoid backbone biosynthesis



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Product images:



Sample (30 ug of whole cell lysate). A: Hep G2.
10% SDS PAGE. TA308143 diluted at 1:1000.