

IDI1 Polyclonal Antibody

Catalog NumberPA5-21720

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 173 of IDI1 (Uniprot ID#Q13907)	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.65 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, Molt-4. Predicted reactivity: Mouse (87%), Rat (86%), Zebrafish (81%), Xenopus laevis (80%), Bovine (89%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

IDI1 encodes a peroxisomally-localized enzyme that catalyzes the interconversion of isopentenyl diphosphate (IPP) to its highly electrophilic isomer, dimethylallyl diphosphate (DMAPP), which are the substrates for the successive reaction that results in the synthesis of farnesyl diphosphate and, ultimately, cholesterol. It has been shown in peroxisomal deficiency diseases such as Zellweger syndrome and neonatal adrenoleukodystrophy that there is reduction in IPP isomerase activity.

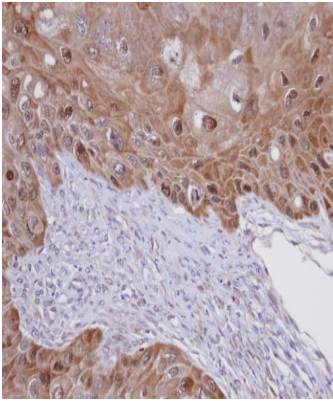
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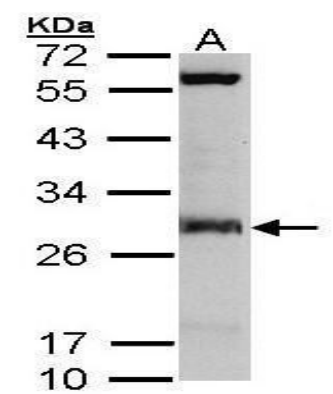
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Product Images For IDI1 Polyclonal Antibody



IDI1 Antibody (PA5-21720) in IHC (P)

Immunohistochemical analysis of paraffin-embedded SCC15 xenograft, using IDI1 (Product # PA5-21720) antibody at 1:100 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



IDI1 Antibody (PA5-21720) in WB

Western Blot using IDI1 Polyclonal Antibody (Product # PA5-21720). Sample (30 µg of whole cell lysate). Lane A: Molt-4. 12% SDS PAGE. IDI1 Polyclonal Antibody (Product # PA5-21720) diluted at 1:3,000.

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