

## Product datasheet for **TA308665**

### IDI1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat, Xenopus, Zebrafish, Bovine, X. tropicalis)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 173 of IDI1 (Uniprot ID#Q13907)
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:	32 kDa
Gene Name:	isopentenyl-diphosphate delta isomerase 1
Database Link:	<a href="#">NP_004499</a> <a href="#">Entrez Gene 89784 Rat</a> <a href="#">Entrez Gene 319554 Mouse</a> <a href="#">Entrez Gene 3422 Human</a> <a href="#">Q13907</a>
Background:	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. [provided by RefSeq]
Synonyms:	IPP1; IPP11

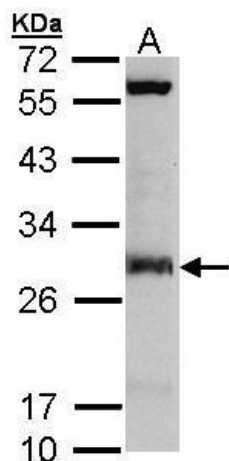


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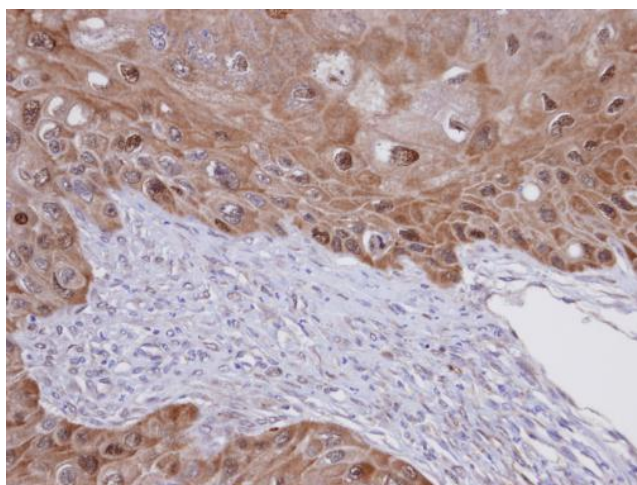
**Note:** Seq homology of immunogen across species: Mouse (87%), Rat (85%), Xenopus laevis (80%), Zebrafish (81%), Bovine (89%), Xenopus tropicalis (81%)

**Protein Pathways:** Metabolic pathways, Terpenoid backbone biosynthesis

**Product images:**



Sample (30 ug of whole cell lysate). A: Molt-4. 12% SDS PAGE. TA308665 diluted at 1:3000.



Immunohistochemical analysis of paraffin-embedded SCC15 xenograft, using ID11 (TA308665) antibody at 1:100 dilution.