

Product datasheet for **TA308081**

PDSS2 Rabbit Polyclonal Antibody

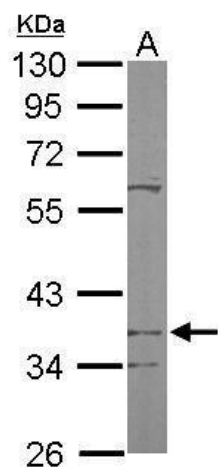
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Rat, Cow)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 88 and 351 of PDSS2 (Uniprot ID#Q86YH6)
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:	44 kDa
Gene Name:	prenyl (decaprenyl) diphosphate synthase, subunit 2
Database Link:	NP_065114 Entrez Gene 71365 Mouse Entrez Gene 365592 Rat Entrez Gene 57107 Human Q86YH6
Background:	The isoprenoid chain of ubiquinone (coenzyme Q) varies in length between species and is determined by trans-polyprenyl diphosphate synthase. Humans possess a heterotetrameric decaprenyl diphosphate synthase composed of DPS1 (PDSS1; MIM 607429) and DLP1 (PDSS2) that produces Q10 ubiquinone (Saiki et al., 2005 [PubMed 16262699]). [supplied by OMIM]
Synonyms:	bA59I9.3; C6orf210; COQ10D3; DLP1; hDLP1
Note:	Seq homology of immunogen across species: Rat (87%), cow (94%)
Protein Pathways:	Terpenoid backbone biosynthesis

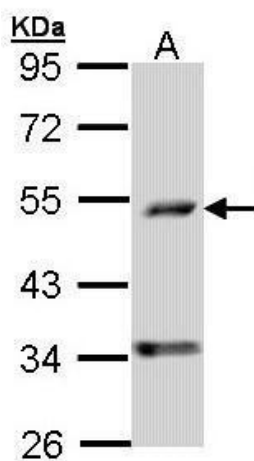


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Product images:



Sample (50 ug of whole cell lysate). A: Mouse brain. 10% SDS PAGE. TA308081 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: A431. 10% SDS PAGE. TA308081 diluted at 1:1000.