

Product datasheet for **TA343131**

DHPS Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DHPS antibody: synthetic peptide directed towards the N terminal of human DHPS. Synthetic peptide located within the following region: TTGFQATNFGRAVQQVNAMIEKKLEPLSQDEQHADLTQSRRLTSTIF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	deoxyhypusine synthase
Database Link:	NP_037538 Entrez Gene 1725 Human P49366
Background:	This gene encodes a protein that is required for the formation of hypusine, a unique amino acid formed by the posttranslational modification of only one protein, eukaryotic translation initiation factor 5A. The encoded protein catalyzes the first step in hypusine formation by transferring the butylamine moiety of spermidine to a specific lysine residue of the eukaryotic translation initiation factor 5A precursor, forming an intermediate deoxyhypusine residue. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

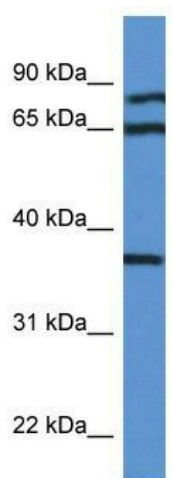


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Synonyms: DHS; DS; MIG13

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Bovine: 93%; Rabbit: 93%; Rat: 86%; Guinea pig: 86%; Mouse: 79%

Product images:



WB Suggested Anti-DHPS Antibody; Titration: 1.0 ug/ml; Positive Control: MCF7 Whole Cell DHPS is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells