

Product datasheet for **TA331321**

D2HGDH 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-D2HGDH antibody is: synthetic peptide directed towards the C-terminal region of Human D2HGDH. Synthetic peptide located within the following region: QESPFYVLIETSGSNAGHDAEKLGHFLEHALGSGLVTDGTMATDQRKVKM
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:	55 kDa
Gene Name:	D-2-hydroxyglutarate dehydrogenase
Database Link:	NP_689996 Entrez Gene 728294 Human Q8N465
Background:	This gene encodes D-2hydroxyglutarate dehydrogenase, a mitochondrial enzyme belonging to the FAD-binding oxidoreductase/transferase type 4 family. This enzyme, which is most active in liver and kidney but also active in heart and brain, converts D-2-hydroxyglutarate to 2-ketoglutarate. Mutations in this gene are present in D-2-hydroxyglutaric aciduria, a rare recessive neurometabolic disorder causing developmental delay, epilepsy, hypotonia, and dysmorphic features.
Synonyms:	D2HGD



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Note: Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 92%; Horse: 86%; Dog: 79%; Pig: 77%

Product images:



WB Suggested Anti-D2HGDH Antibody; Titration:
1.0 ug/ml; Positive Control: PANC1 Whole Cell