

Product datasheet for **TA343144**

D aspartate oxidase (DDO) Rabbit Polyclonal Antibody

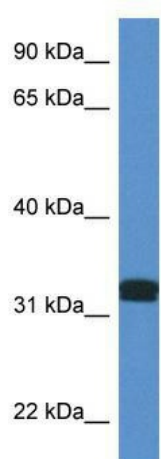
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDO antibody: synthetic peptide directed towards the C terminal of human DDO. Synthetic peptide located within the following region: RDGSGLTYYPGTSHVTLGGTRQKGDWNLSPDAENSREILSRCCALEPSL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34 kDa
Gene Name:	D-aspartate oxidase
Database Link:	NP_004023 Entrez Gene 8528 Human Q99489
Background:	The protein encoded by this gene is a peroxisomal flavoprotein that catalyzes the oxidative deamination of D-aspartate and N-methyl D-aspartate. Flavin adenine dinucleotide or 6-hydroxyflavin adenine dinucleotide can serve as the cofactor in this reaction. Two transcript variants encoding different isoforms have been found for this gene.
Synonyms:	DASOX; DDO-1; DDO-2
Note:	Immunogen Sequence Homology: Human: 100%; Rat: 93%; Dog: 86%; Pig: 86%; Horse: 86%; Mouse: 86%; Bovine: 86%; Rabbit: 86%; Guinea pig: 86%
Protein Pathways:	Alanine, aspartate and glutamate metabolism



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Product images:



WB Suggested Anti-DDO Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Lung