

Rabbit anti-Human, mouse DDO Polyclonal Antibody | anti-DDO antibody

DDO Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287630	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

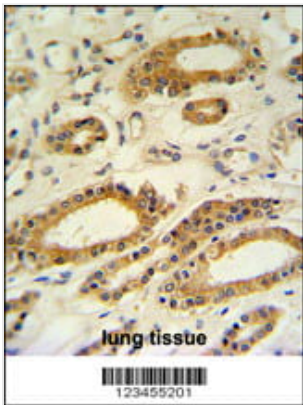
PRODUCT SYNONYMS

DDO; Polyclonal Antibody; DDO Antibody (Center); D-aspartate oxidase; DASOX; anti-DDO antibody

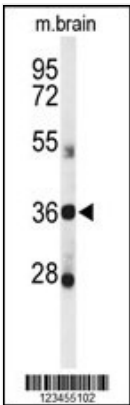
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DDO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-130 amino acids from the Central region of human DDO.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	102-130
Sequence Length	310
Applicable Applications for anti-DDO antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

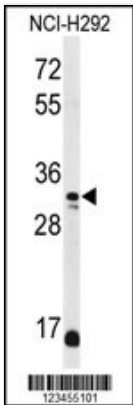
IMAGES



IHC (Immunohistochemisry)
DDO Antibody (Center) IHC analysis in formalin fixed and paraffin embedded lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DDO Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DDO Antibody (Center) in mouse brain tissue lysates (35ug/lane). DDO (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of DDO Antibody (Center) in NCI-H292 cell line lysates (35ug/lane). DDO (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DDO antibody	DDO 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.
Product Categories/Family for anti-DDO antibody	Cell Biology; Metabolism; Signal transduction
References	Jamra, R.A., et al. Psychiatr. Genet. 19 (1), 56 (2009) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Zaar, K., et al. J. Comp. Neurol. 450(3):272-282(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40217815
NCBI GeneID	8528
NCBI Accession #	NP_003640.2; NP_004023.2
NCBI GenBank Nucleotide #	NM_003649.2
UniProt Accession #	Q99489; Q5JXM4; Q5JXM5; Q5JXM6; Q8N552; A8KAG4

Molecular Weight	37535
NCBI Official Full Name	D-aspartate oxidase isoform a
NCBI Official Synonym Full Names	D-aspartate oxidase
NCBI Official Symbol	DDO
NCBI Official Synonym Symbols	DASOX; DDO-1; DDO-2
NCBI Protein Information	D-aspartate oxidase
UniProt Protein Name	D-aspartate oxidase
UniProt Gene Name	DDO
UniProt Synonym Gene Names	DASOX; DDO
UniProt Entry Name	OXDD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ddo-antibody-immunohistochemistry-western-blot-elisa/287630>