

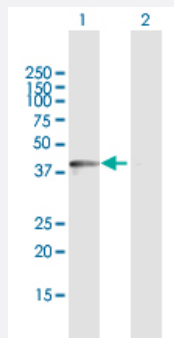
MaxPab®

DDO purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008528-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DDO expression in transfected 293T cell line ([H00008528-T01](#)) by DDO MaxPab polyclonal antibody.

Lane 1: DDO transfected lysate(41.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human DDO protein.

Immunogen

DDO (NP_003640.2, 1 a.a. ~ 369 a.a) full-length human protein.

Sequence

MRPARHWETRFGARDFGGFQDCFFRDLMDTARIAVVGAGVVGLSTAVCISKLVPRCSVTIISDK
FTPDTTSDVAAGMLIPHTYPTPIHTQKQWFRETFNHLFAIANSAEAGDAGVHLVSGWQIFQSTPT
EEVPFWADVVLGFRKMTEAELKKFPQYVFGQAFTTLKCECPAYLPWLEKRIKSGSGWTLTRRIE
DLWELHPSFDIVNCSGLGSRQLAGDSKIFPVRGQVLQVQAPWVEHFIRDGSGGLTYYPGTSHVTL
GGTRQKGDWNLSFDAENSREILSRCCALEPSLHGACNIREKVGLRPYRPGVRLQTELLARDGQR
LPVVHHYGHGSGGISVHWGTALEAARLVSECVHALRTPIPKSNL

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (80); Rat (82)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — DDO

Entrez GeneID [8528](#)

GeneBank Accession# [NM_003649.2](#)

Protein Accession# [NP_003640.2](#)

Gene Name DDO

Gene Alias DASOX, DDO-1, DDO-2, FLJ45203

Gene Description D-aspartate oxidase

Omim ID [124450](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000017000|OTTHUMP00000017001|OTTHUMP00000017002|aspartic oxidase

Pathway

- [Alanine](#)