

Rabbit anti-Human, Mouse Dihydrolipoyl Dehydrogenase (DLD) Polyclonal Antibody | anti-DLD antibody

Polyclonal Antibody to Dihydrolipoyl Dehydrogenase (DLD)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135082	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

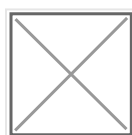
PRODUCT SYNONYMS

Dihydrolipoyl Dehydrogenase (DLD); Polyclonal Antibody; Polyclonal Antibody to Dihydrolipoyl Dehydrogenase (DLD); anti-DLD antibody

PRODUCT SPECIFICATIONS

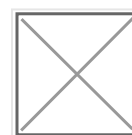
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against DLD. It has been selected for its ability to recognize DLD in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-GATKKSDG KIDVSIEAAS GGKAEVITCD VLLVCIGRRP FTKNLGLEEL GIELDPRGRI PVNTRFQTKI PNIYAIGDVV AGPMLAHKAE DEGIICVEGM AGGAVHIDYN CVPSVIYTHP EVAWVGKSEE QLKEEGIEYK VGKFPFAANS RAKTNADTDG MVKILGQKST DRV LGAHILG PGAGEMVNEA ALALEYGASC EDI
Sequence Length	630
Applicable Applications for anti-DLD antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant DLD (Gly280~His487) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: DLD knockout HepG2 cell lysate; Predicted MW: 54kd Observed MW: 58kd Primary Ab: 1ug/ml Rabbit Anti-Human DLD Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

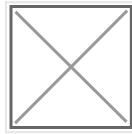
DAB staining on IHC-P; Samples: Human Stomach Tissue

**IHC (Immunohistochemistry)**

DAB staining on formalin fixed paraffin-embedded Kidney tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Mouse Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Human DLD
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-DLD antibody

[Knock-Out Validation Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	91199540
NCBI GeneID	1738
NCBI Accession #	NP_000099.2
NCBI GenBank Nucleotide #	NM_000108.4
UniProt Accession #	P09622; Q14131; Q14167; Q59EV8; Q8WTS4; B2R5X0; B4DHG0; B4DT69
Molecular Weight	49,283 Da
NCBI Official Full Name	dihydrolipoyl dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	dihydrolipoamide dehydrogenase
NCBI Official Symbol	DLD
NCBI Official Synonym Symbols	E3; LAD; DLDD; DLDH; GCSL; PHE3
NCBI Protein Information	dihydrolipoyl dehydrogenase, mitochondrial
UniProt Protein Name	Dihydrolipoyl dehydrogenase, mitochondrial
UniProt Gene Name	DLD
UniProt Synonym Gene Names	GCSL; LAD; PHE3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dihydrolipoyl-dehydrogenase-dld-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135082>