

Rabbit Lactate Dehydrogenase B (LDHB) Polyclonal Antibody | anti-LDHB antibody

Polyclonal Antibody to Lactate Dehydrogenase B (LDHB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130702	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Lactate Dehydrogenase B (LDHB); Polyclonal Antibody; Polyclonal Antibody to Lactate Dehydrogenase B (LDHB); anti-LDHB antibody

PRODUCT SPECIFICATIONS

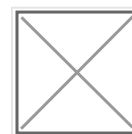
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against LDHB. It has been selected for its ability to recognize LDHB in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	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 N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-MATLKEKL IAPVAEEEEAT VPNNKITVVG VGQVGMACAI SILGKSLADE LALVDVLEDK LKGEMMDLQH GSLFLQTPKI VADKDYSVTA NSKIVVVTAG VRQQEGESRL NLVQRNVNVF KFIIPQIVKY SPDCIIIVVS NPVDILTYVT WKLSGLPKHR VIGSGCNLDS ARFRYLMAEK LGIHPSSCHG WILGEHGDSS VAVWSGVNVA GVSLQELNPE MGTDNDSNW KEVHKMVVES AYEVIKLGKY TNWAIGLSVA DLIESMLKNL SRIHPVSTMV KGMYGIELEV FLSLPCILNA RGLTSVINQK LKDDEVAQLK KSADTLWDIQ KDLKDL
Sequence Length	334
Applicable Applications for anti-LDHB antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant LDHB (Met1~Leu334) expressed in E.coli.
Cross Reactivity	Human, Mouse, Rat
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



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate;; Lane 2: LDHB knockout Jurkat cell lysate;; Predicted MW: 37kDa ; Observed MW: 35kDa; Primary Ab: 1ug/ml Rabbit Anti-Human LDHB Ab; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohistochemistry)

DAB staining on IHC-P. Samples: Human Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant LDHB, Human.

**WB (Western Blot)**

Western Blot: Sample. Lane1: Human Jurkat Cells; Lane2: Human A431 Cells; Lane3: Mouse Testis Tissue; Lane4: Mouse Kidney Tissue; Lane5: Human Liver Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LDHB antibody

Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	291575128
NCBI GeneID	3945
NCBI Accession #	NP_001167568.1
NCBI GenBank Nucleotide #	NM_001174097.2
UniProt Accession #	P07195
Molecular Weight	36,638 Da
NCBI Official Full Name	L-lactate dehydrogenase B chain isoform LDHB
NCBI Official Synonym Full Names	lactate dehydrogenase B
NCBI Official Symbol	LDHB
NCBI Official Synonym Symbols	LDH-B; LDH-H; LDHBD; TRG-5; HEL-S-281
NCBI Protein Information	L-lactate dehydrogenase B chain
UniProt Protein Name	L-lactate dehydrogenase B chain
UniProt Gene Name	LDHB
UniProt Synonym Gene Names	LDH-B; LDH-H

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://stage.aaabiotech.com/polyclonal/lactate-dehydrogenase-b-ldhb-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/130702>