

Datasheet for ABIN6736413

anti-LIM Domain Binding 1 Protein antibody (AA 303-352)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µL
Target:	LIM Domain Binding 1 Protein (LDB1)
Binding Specificity:	AA 303-352
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Rabbit, Chicken, Xenopus laevis, Pig, Bat, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LIM Domain Binding 1 Protein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa303-352 of human LDB1 (Q86U70-2, NP_003884). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Chicken, Xenopus, Zebrafish (100%), Platypus (92%). Type of Immunogen: Synthetic peptide
Specificity:	Human LDB1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Guinea pig,

Product Details

Chicken, Xenopus, Zebrafish (100%).

Purification: Immunoaffinity purified

Target Details

Target: LIM Domain Binding 1 Protein (LDB1)

Alternative Name: CLIM2 / LDB1 ([LDB1 Products](#))

Background: Name/Gene ID: LDB1

Synonyms: LDB1, CLIM-2, HLdb1, LIM domain-binding factor-1, LIM domain-binding protein 1, NLI, LIM domain binding 1, CLIM2, LDB-1, Nuclear LIM interactor

Gene ID: 8861

NCBI Accession: [NP_003884](#)

UniProt: [Q86U70](#)

Pathways: [Stem Cell Maintenance](#), [Chromatin Binding](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

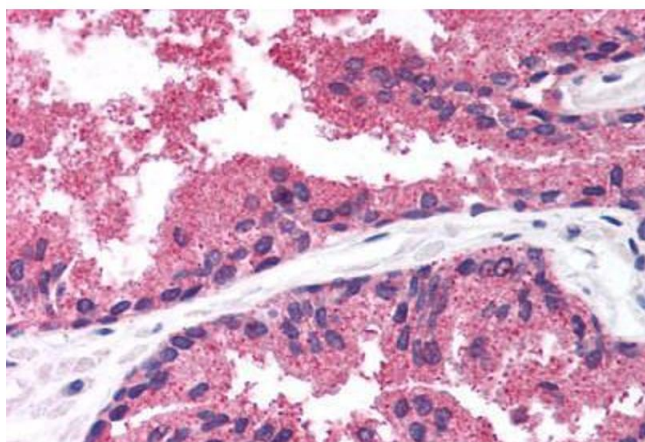
Reconstitution: After adding water, will consist of PBS buffer with 2 % sucrose

Concentration: Lot specific

Handling

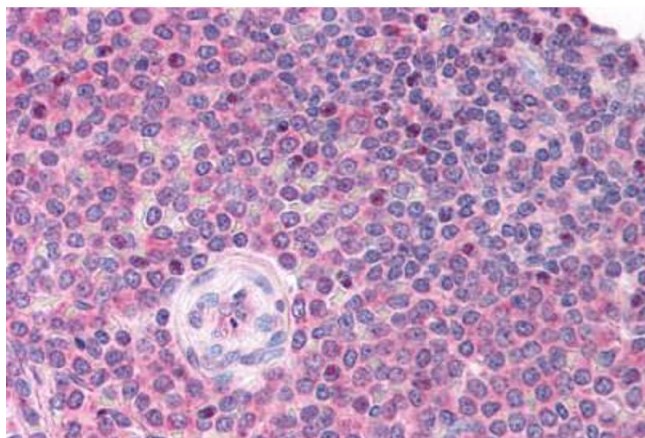
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



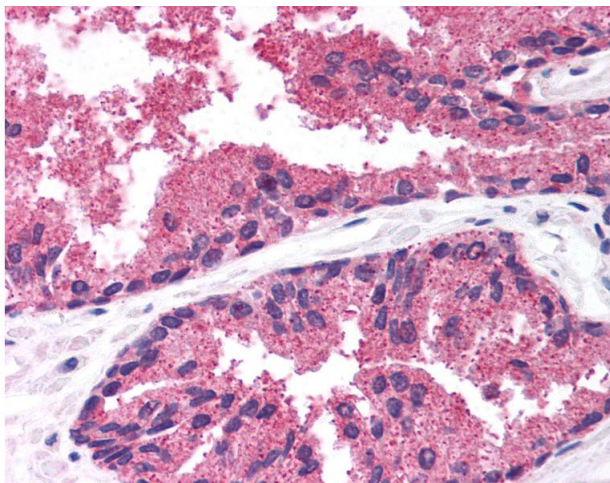
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Prostate (formalin-fixed, paraffin-embedded) stained with LDB1 antibody ABIN214791 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Spleen (formalin-fixed, paraffin-embedded) stained with LDB1 antibody ABIN214791 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-LDB1 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other fo ...