

LDB1 polyclonal antibody

Catalog: BS77334

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Binds to the LIM domain of a wide variety of LIM domain-containing transcription factors. May regulate the transcriptional activity of LIM-containing proteins by determining specific partner interactions. Plays a role in the development of interneurons and motor neurons in cooperation with LHX3 and ISL1. Acts synergistically with LHX1/LIM1 in axis formation and activation of gene expression. Acts with LMO2 in the regulation of red blood cell development, maintaining erythroid precursors in an immature state (By similarity).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

46kDa

Swiss-Prot:

Q86U70

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

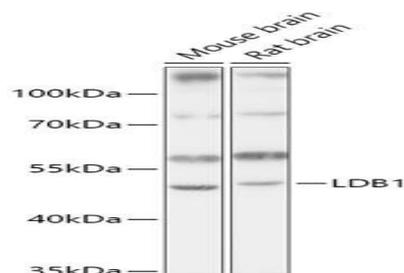
WB, 1:500 - 1:2000 | IHC, 1:50 - 1:100

Storage&Stability:

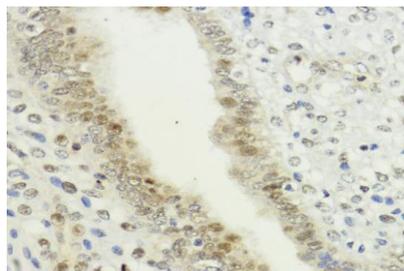
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

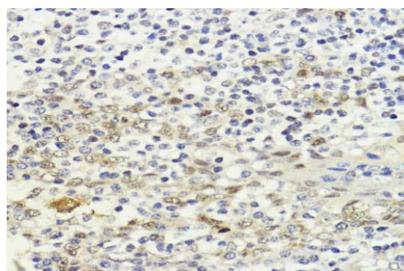
Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using LDB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry of paraffin-embedded human uterine cancer using LDB1 antibody at dilution of 1:200. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human tonsil using LDB1 antibody at dilution of 1:200. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

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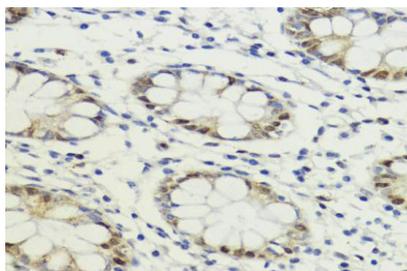
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Immunohistochemistry of paraffin-embedded human colon using LDB1 antibody at dilution of 1:200. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Note:

For research use only, not for use in diagnostic procedure.

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