

Datasheet for ABIN3031621
anti-LMO2 antibody (AA 1-30)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	LMO2
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMO2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this LMO2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified

Target Details

Target:	LMO2
Alternative Name:	LMO2 (LMO2 Products)
Background:	LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac

Target Details

erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation cluster (11p13 ttc), where a number T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms.

UniProt: [P25791](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Titration of the LMO2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

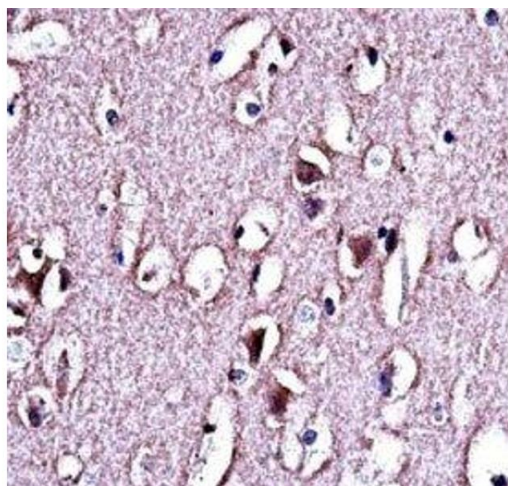
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the LMO2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



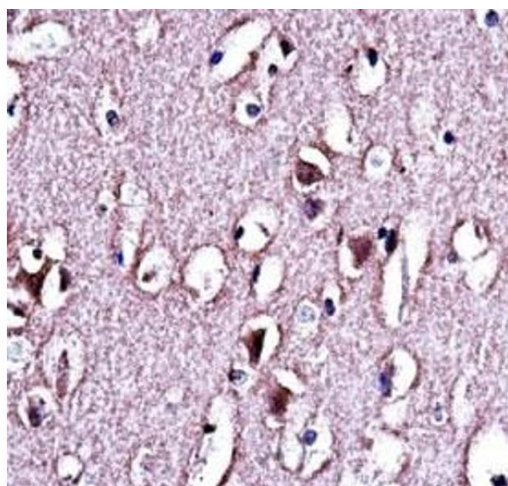
Immunohistochemistry

Image 1. LM02 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.



Western Blotting

Image 2. LM02 antibody western blot analysis in NCI-H460 lysate.



Immunohistochemistry

Image 3. LM02 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.