

Datasheet for ABIN264930 **anti-LMO2 antibody**



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Overview

Quantity:	0.25 mg
Target:	LMO2
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This LMO2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Isotype:	IgG
Specificity:	This antibody reacts to Rhombotin 2.
Purification:	Purified

Target Details

Target:	LMO2
Alternative Name:	Rhombotin-2 (LMO2 Products)
Background:	Two homologues of the rhombotin gene have now been isolated. One of these, designated Rhom-2, is located on human chromosome 11 at band 11p13, where a cluster of T-cell leukemia-specific translocations occur, all translocation breakpoints at 11p13 are upstream of the Rhom-2 gene. Human and mouse Rhom-2 are highly conserved and, like rhombotin, encode two tandem cysteine-rich LIM domains. Rhom-2 mRNA is expressed in early mouse

Target Details

development in central nervous system, lung, kidney, liver, and spleen but only very low levels occur in thymus. The Rhom-2 gene is such a common site of chromosomal damage in T-cell tumors. Chromosome bands 11p15 (rhombotin) and 11p13 (Rhom-2) are consistent sites of chromosome translocation in T-cell leukemia, with the 11p15 target more rarely involved. Synonyms: Cysteine-rich protein TTG-2, LIM domain only protein 2, LMO2, RBTN2, RBTN1, RHOM2, Rhombotin2, T-cell translocation protein 2, TTG2

Gene ID: 4005

NCBI Accession: [NP_001135787](#)

UniProt: [P25791](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Western Blots: 1 - 10 g /mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: Phosphate buffered saline with 0.08 % 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C