

Datasheet for ABIN2777181
anti-LMO2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LMO2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Cow, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMO2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human LMO2
Sequence:	RKSLDPSEEP VDEV LQIPPS LLTCGGCQQN IGDYFLKAI DQYWHEDCLS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against LMO2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LMO2
Alternative Name:	LMO2 (LMO2 Products)

Target Details

Background:	LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac 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. Alias Symbols: RBTN2, RBTN1, RHOM2, TTG2 Protein Interaction Partner: ADAMTSL4, MBIP, HOOK1, TFPT, NOTCH2NL, KRTAP10-7, CCDC36, NUTM1, SPERT, FAM154A, CLHC1, KRT40, SSX2IP, CMTM5, MRFAP1L1, IFT43, C1orf94, LZTS2, TSC22D4, DBF4B, CCDC33, RINT1, NIF3L1, TRIM54, AGTRAP, ZFP64, BANP, STAT3, STAT1, SOX5, SKP1, ROCK1, REL, PRKG1, Protein Size: 227
Molecular Weight:	24 kDa
Gene ID:	4005
NCBI Accession:	NM_005574 , NP_005565
Pathways:	Chromatin Binding

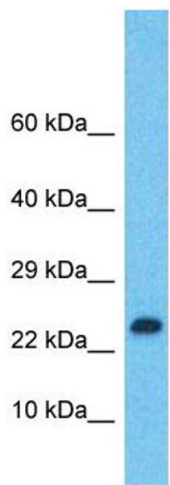
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: LMO2 Sample Type: Ovary Tumor lysates Antibody Dilution: 1.0ug/ml