

Product datasheet for **AP05031PU-N**

LMO2 Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blots: 1 - 10 µg /ml.
Reactivity:	Human
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	This antibody reacts to Rhombotin 2.
Formulation:	Phosphate buffered saline with 0.08% sodium azide State: Purified State: Liquid purified Ig (0.2µm sterile filtered)
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	LIM domain only 2
Database Link:	Entrez Gene 4005 Human P25791
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 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.



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Synonyms:

LMO2, RBTN2, RBTNL1, RHOM2, TTG2, Rhombotin2, LIM domain only protein 2, Cysteine-rich protein TTG-2, T-cell translocation protein 2