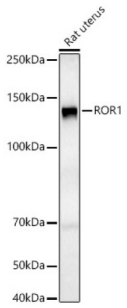
Receptor Tyrosine Kinase Like Orphan Receptor 1 (ROR1) Antibody

Catalogue No.:abx002361



Western blot analysis of lysates from Rat uterus, using ROR1 Antibody at 1/800 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.

ROR1 Antibody is a Rabbit Polyclonal antibody against ROR1. This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

Target:	Receptor Tyrosine Kinase Like Orphan Receptor 1 (ROR1)
Clonality:	Polyclonal
Reactivity:	Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to ROR1. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q01973 (UniProt, ExPASy)

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Gene Symbol:	ROR1
GeneID:	4919
NCBI Accession:	NP_005003.2
KEGG:	hsa:4919
String:	9606.ENSP00000360120
Molecular Weight:	Calculated MW: 104 kDa Observed MW: 135 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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