

Datasheet for ABIN7269889  
**anti-ROR2 antibody (AA 300-400)**



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1 Image

## Overview

Quantity:	100 µL
Target:	ROR2
Binding Specificity:	AA 300-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROR2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	ROR2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 300-400 of human ROR2 (NP_004551.2).
Sequence:	CMRIGIPAER LGRYHQCYNG SGMDYRG TAS TTKSGHQ CQP WALQHP SHH LSSTDFPELG GGHAYCRNPG GQMEGPWCFT QNKNVRMELC DVPSCSPRDS S
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

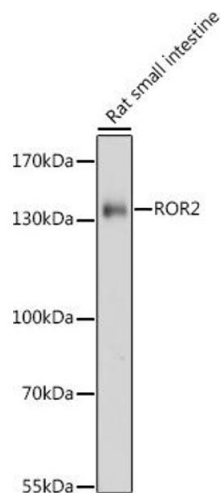
Target:	ROR2
Alternative Name:	ROR2 ( <a href="#">ROR2 Products</a> )
Background:	<p>The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance.,ROR2,BDB,BDB1,NTRKR2,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology &amp; Developmental Biology,Cytoskeleton,Extracellular Matrix,Bone,Stem Cells,Mesenchymal Stem Cells,ROR2</p>
Molecular Weight:	104kDa
Gene ID:	4920
UniProt:	<a href="#">Q01974</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">WNT Signaling</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of rat small intestine, using ROR2 antibody (ABIN7269889) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.