

ARG58278 anti-ROR2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ROR2
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ROR2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 756-790 (C-terminus) of Human ROR2.
Conjugation	Un-conjugated
Alternate Names	BDB; Neurotrophic tyrosine kinase, receptor-related 2; NTRKR2; BDB1; Tyrosine-protein kinase transmembrane receptor ROR2; EC 2.7.10.1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:25
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	120 kDa	

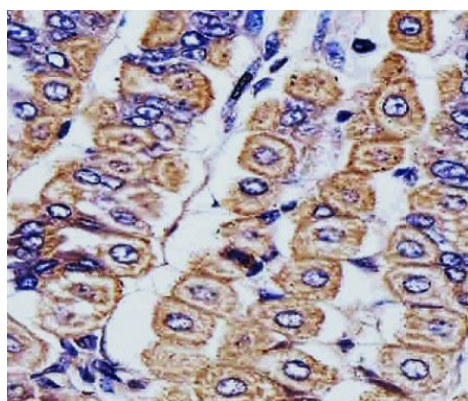
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

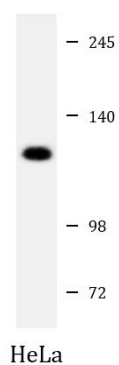
Gene Symbol	ROR2
Gene Full Name	receptor tyrosine kinase-like orphan receptor 2
Background	The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation 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. [provided by RefSeq, Jul 2008]
Function	Tyrosine-protein kinase receptor which may be involved in the early formation of the chondrocytes. It seems to be required for cartilage and growth plate development. Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation. [UniProt]
Calculated Mw	105 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG58278 anti-ROR2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse stomach tissue stained with ARG58278 anti-ROR2 antibody at 1:25 dilution.



ARG58278 anti-ROR2 antibody WB image

Western blot: 20 µg of HeLa cell lysate stained with ARG58278 anti-ROR2 antibody at 1:1000 dilution.