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Anti-ROR1 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17267

Product Information

Application	IHC-P, E
Primary Accession	Q01973
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	104283
Concentration (mg/ml)	1 mg/ml

Additional Information

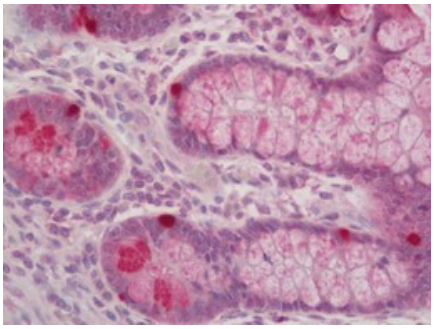
Gene ID	4919
Alias Symbol	ROR1
Other Names	ROR1, DJ537F10.1, NTRKR1, Protein tyrosine kinase t-ror1
Target/Specificity	Human ROR1
Reconstitution & Storage	PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Precautions	Anti-ROR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ROR1
Synonyms	NTRKR1
Function	Has very low kinase activity in vitro and is unlikely to function as a tyrosine kinase in vivo (PubMed:25029443). Receptor for ligand WNT5A which activates downstream NFkB signaling pathway and may result in the inhibition of WNT3A-mediated signaling (PubMed:25029443, PubMed:27162350). In the inner ear, crucial for spiral ganglion neurons to innervate auditory hair cells (PubMed:27162350). Via IGFBP5 ligand, forms a complex with ERBB2 to enhance CREB oncogenic signaling (PubMed:36949068).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:Q9Z139}

Tissue Location	Expressed strongly in human heart, lung and kidney, but weakly in the CNS. Isoform Short is strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm

Images



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.