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Anti-ROR2 Antibody

Catalog # AP60385

Product Information

Application	WB
Primary Accession	Q01974
Reactivity	Human, Bovine, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104757

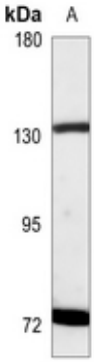
Additional Information

Gene ID	4920
Other Names	NTRKR2; Tyrosine-protein kinase transmembrane receptor ROR2; Neurotrophic tyrosine kinase, receptor-related 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ROR2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ROR2
Synonyms	NTRKR2
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 (By similarity). Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation (PubMed:17717073). In contrast, has also been shown to have very little tyrosine kinase activity in vitro. May act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling (PubMed:25029443).
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images



Western blot analysis of ROR2 expression in H446 (A) whole cell lysates. (Predicted band size: 104 kD; Observed band size: 130 kD)

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