

For Research Use Only

ROR2 Polyclonal antibody

Catalog Number: 25842-1-AP



Basic Information

Catalog Number: 25842-1-AP	GenBank Accession Number: BC130522	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 4920	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	Full Name: receptor tyrosine kinase-like orphan receptor 2	
Isotype: IgG	Calculated MW: 943 aa, 105 kDa	
Immunogen Catalog Number: AG22959	Observed MW: 105 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, T-47D cells, K-562 cells
Species Specificity: human	

Background Information

Tyrosine-protein kinase transmembrane receptor ROR2 belongs to the ROR-family of receptor tyrosine kinases (RTKs) (PMID: 12815588). ROR2 is a developmentally regulated protein that has significant expression and roles in a wide variety of tissues during early embryonic development. It was established that ROR2 plays a key role in skeletal and neural organogenesis, as well as in midgut development in the mouse, but then becomes repressed in adult tissues. It may act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling (PMID: 25614331). Mutations in ROR2 gene are associated with autosomal recessive Robinow syndrome and autosomal dominant brachydactyly type B (PMID: 12815588).

Storage

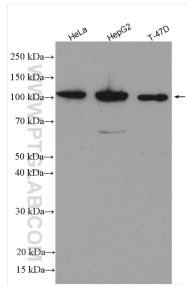
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25842-1-AP (ROR2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.