

For Research Use Only

# ROR2 Polyclonal antibody

Catalog Number: 25842-1-AP



## Basic Information

Catalog Number:

25842-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22959

GenBank Accession Number:

BC130522

GeneID (NCBI):

4920

UNIPROT ID:

Q01974

Full Name:

receptor tyrosine kinase-like orphan receptor 2

Calculated MW:

943 aa, 105 kDa

Observed MW:

105 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, T-47D cells, K-562 cells

## 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

For technical support and original validation data for this product please contact:

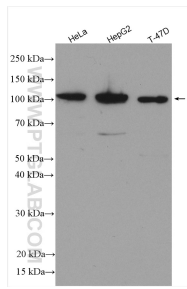
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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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.