

Product datasheet for TA302193

ROR1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: FC, IHC, WB

Recommended Dilution: WB: 1:1000, IHC: 1:10~50, FC: 1:10~50

Reactivity: Human Rabbit

Isotype: lg

Clonality: Polyclonal

Immunogen: This ROR1 antibody is generated from rabbits immunized with recombinant human ROR1

protein (aa region: 112 - 399).

Formulation: Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

Purification: This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by

dialysis against PBS.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 104312 Da

Gene Name: receptor tyrosine kinase-like orphan receptor 1

Database Link: NP 005003

Entrez Gene 4919 Human

Q01973

Background: ROR1 is a receptor protein tyrosine kinase whose cellular role has not been determined. It is

a type I membrane protein and belongs to the ROR subfamily of cell surface receptors. Studies of a similar protein in mouse suggest that this protein may interact with another receptor protein tyrosine kinase and may be involved in skeletal and cardiac development.

Synonyms: dJ537F10.1; NTRKR1

Protein Families: Druggable Genome, Protein Kinase, Transmembrane



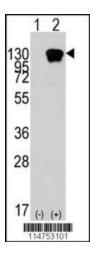
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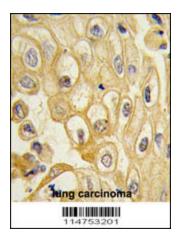
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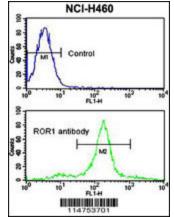
Product images:



Western blot analysis of ROR1 (arrow) using rabbit polyclonal ROR1 Antibody (Cat.#TA302193).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ROR1 gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with the ROR1 antibody (Cat.#TA302193), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of NCI-H460 cells using ROR1 antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.