antibodies - online.com







anti-ROR2 antibody (AA 752-926)

Images

Background:



| Overview | |
|----------------------|---|
| Quantity: | 100 μg |
| Target: | ROR2 |
| Binding Specificity: | AA 752-926 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ROR2 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |
| Product Details | |
| Immunogen: | Recombinant Human Tyrosine-protein kinase transmembrane receptor ROR2 protein (752- |
| | 926AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |
| Target Details | |
| Target: | ROR2 |
| Alternative Name: | ROR2 (ROR2 Products) |
| | |

Background: 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).

Aliases: BDB antibody, BDB1 antibody, Brachydactyly type B antibody, EC 2.7.10.1 antibody, MGC163394 antibody, Neurotrophic tyrosine kinase antibody, Neurotrophic tyrosine kinase, receptor related 2 antibody, NTRKR2 antibody, Receptor tyrosine kinase-like orphan receptor 2 antibody, receptor-related 2 antibody, ROR2 antibody, ROR2_HUMAN antibody, Tyrosine protein kinase transmembrane receptor ROR2 antibody, Tyrosine-protein kinase transmembrane receptor ROR2 antibody

UniProt:

Pathways: RTK Signaling, WNT Signaling

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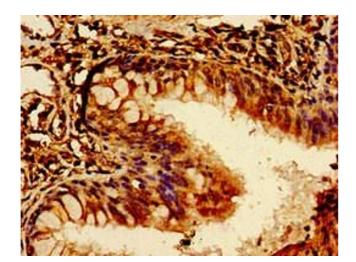
Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

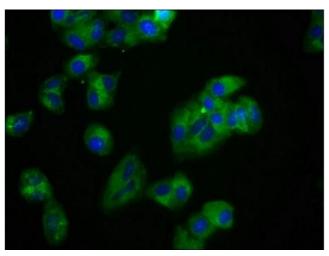
Handling

| Format: | Liquid |
|--------------------|---|
| Buffer: | Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



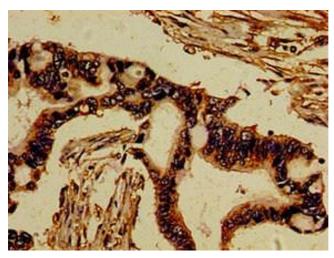
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7174072 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7174072 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7174072 at dilution of 1:100