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DATA SHEET

Rabbit Anti-ROR1 Polyclonal: RC0105

Intended Use: For Research Use Only

Description: ROR1(receptor tyrosine kinase-like orphan receptor 1), also known as neurotrophic tyrosine kinase, receptor-related 1(NTRKR1), Tyrosine-protein kinase transmembrane receptor ROR1, is a member of the receptor tyrosine kinase-like orphan receptor(ROR) family. NTRKR1 encodes a predicted 937-amino acid protein. A 6-kb NTRKR1 mRNA is expressed strongly in human heart, lung, and kidney, but weakly in the CNS. However, a truncated 2.4-kb mRNA lacking extracellular and transmembrane domains was strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm. The protein encoded by this gene is a receptor tyrosine kinase that modulates neurite growth in the central nervous system. It is a type I membrane protein and belongs to the ROR subfamily of cell surface receptors.

Specifications

Clone:	Polyclonal
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human, mouse, rat
Localization:	Membrane
Formulation:	Purified antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, WB

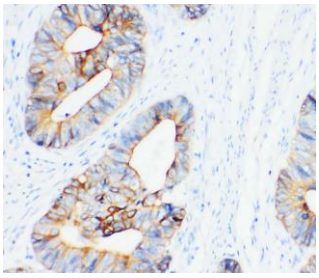
Package:

Description	Catalog No.	Size
ROR1 Polyclonal Concentrated	RC0105	1 ml

IHC Procedure*

Positive Control Tissue:	Lung carcinoma
Concentrated Dilution:	10-50
Pretreatment:	Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human intestinal cancer tissue stained with anti-ROR1 using DAB

References:

1. ROR1 expression correlated with poor clinical outcome in human ovarian cancer. Zhang H, et al. Sci Rep 4:5811, 2014.
2. Quantitative temporal viromics: an approach to investigate host-pathogen interaction. Weekes MP, et al. Cell 157:1460-72, 2014.

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