

Mouse Ror2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5338

Specification

Mouse Ror2 Antibody (C-term) - Product Information

Application WB, IHC-P,E
Primary Accession O9Z138
Other Accession O01974
Reactivity Human
Host Rabbit
Clonality Polyclonal

Calculated MW M=105;H=105 KDa

Isotype Rabbit IgG
Antigen Source HUMAN

Mouse Ror2 Antibody (C-term) - Additional Information

Antigen Region

756-790

Other Names

Tyrosine-protein kinase transmembrane receptor ROR2, mROR2, Neurotrophic tyrosine kinase, receptor-related 2, Ror2

Dilution

WB~~1:1000 IHC-P~~1:25

Target/Specificity

This Mouse Ror2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 756-790 amino acids from the C-terminal region of human Mouse Ror2.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

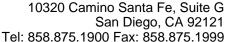
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Ror2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Ror2 Antibody (C-term) - Protein Information

Name Ror2





Tel: 858.875.1900 Fax: 858.875.199

Function

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 (PubMed:10700181). Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation. 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 (By similarity).

Cellular Location

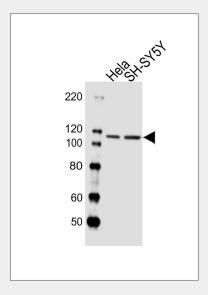
Cell membrane; Single-pass type I membrane protein

Mouse Ror2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

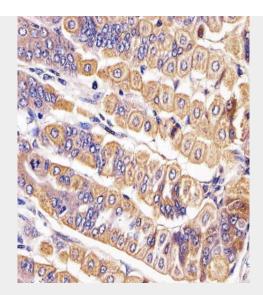
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse Ror2 Antibody (C-term) - Images



Western blot analysis of lysates from Hela,SH-SY5Y cell line (from left to right), using Ror2 Antibody (C-term)(Cat. #AW5338). AW5338 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.





Immunohistochemical analysis of paraffin-embedded M. stomach section using Mouse Ror2 Antibody (C-term)(Cat#AW5338). AW5338 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

Mouse Ror2 Antibody (C-term) - 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. Phosphorylates YWHAB, leading to induction of osteogenesis and bone formation (By similarity).

Mouse Ror2 Antibody (C-term) - References

Oishi I.,et al.Genes Cells 4:41-56(1999). Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009). DeChiara T.M.,et al.Nat. Genet. 24:271-274(2000). van Wijk N.V.,et al.Biochem. Biophys. Res. Commun. 390:211-216(2009).