10320 Camino Santa Fe, Suite G
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Ror2 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5338

Specification

Ror2 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9Z138
Other Accession	Q01974
Reactivity	**Human, Mouse**
Predicted	**Rat, Zebrafish**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**M=105;H=105 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

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

Ror2 Antibody (C-term) - Protein Information

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Name Ror2

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).

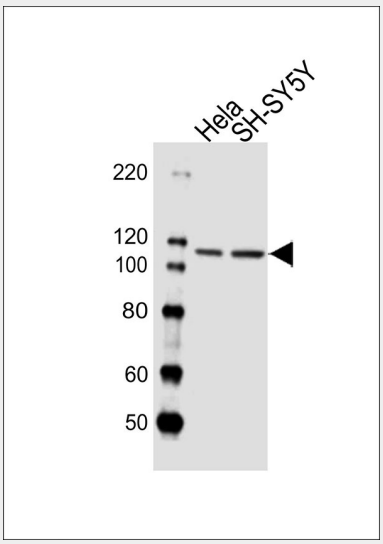
Cellular Location
Cell membrane; Single-pass type I membrane protein

Ror2 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.

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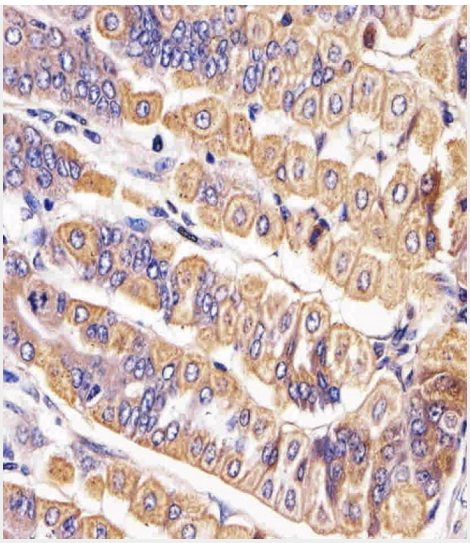

Immunohistochemical analysis of paraffin-embedded M. stomach section using Ror2 Antibody (C-term)(Cat#AW5338). AW5338 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

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).

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).