

**Mouse Ror2 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5338**

**Specification**

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**Mouse Ror2 Antibody (C-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O9Z138</a>
Other Accession	<a href="#">Q01974</a>
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

### 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:<a href="http://www.uniprot.org/citations/10700181" target="\_blank">10700181</a>). 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

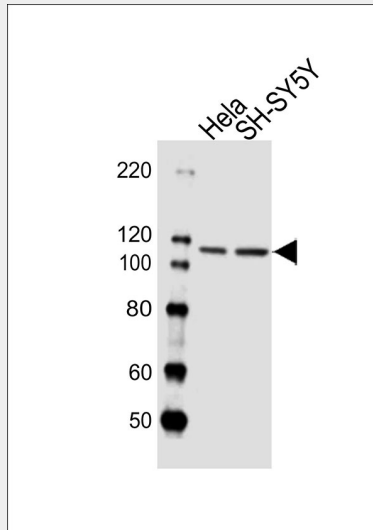
Cell membrane; Single-pass type I membrane protein

### Mouse Ror2 Antibody (C-term) - Protocols

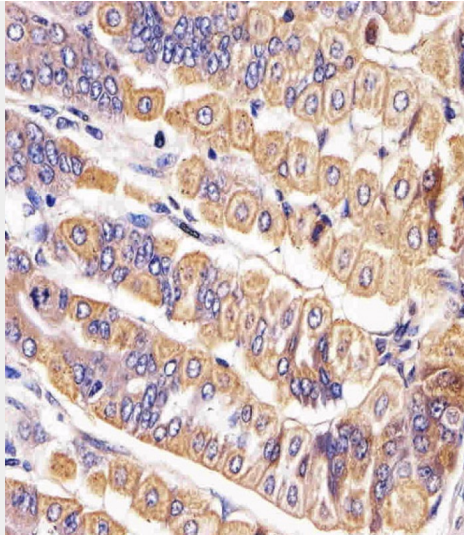
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).