

## Product datasheet for **TA348984**

### ROR1 Goat Polyclonal Antibody

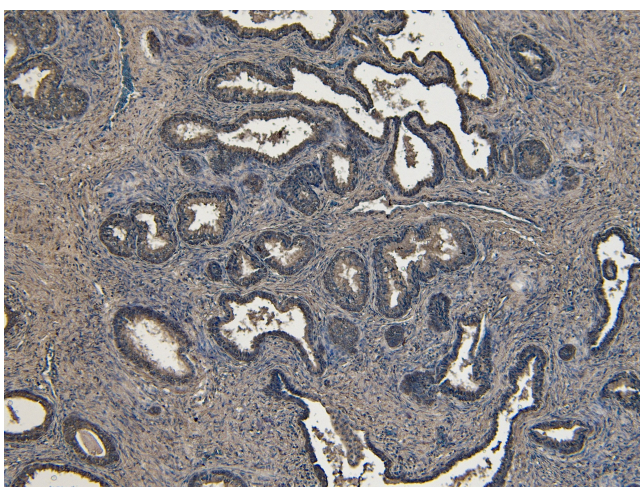
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, PEP-ELISA
Recommended Dilution:	IHC: 3-6 ug/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ROR1 Antibody: Peptide with sequence C-GNKSQKPYKIDSKQA, from the C-Terminus (near) of the protein sequence according to NP_005003.2.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	receptor tyrosine kinase-like orphan receptor 1
Database Link:	<a href="#">NP_005003</a> <a href="#">Entrez Gene 26563 Mouse</a> <a href="#">Entrez Gene 362550 Rat</a> <a href="#">Entrez Gene 4919 Human</a> <a href="#">Q01973</a>

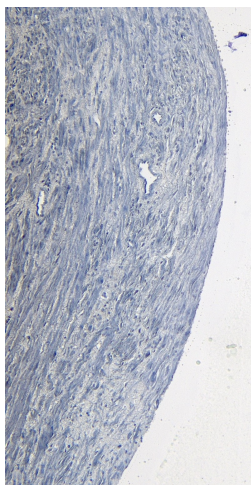


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- Background:** This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2012]
- Synonyms:** dj537F10.1; NTRKR1
- Note:** This antibody is expected to recognize isoform 1 (NP\_005003.2) only.
- Protein Families:** Druggable Genome, Protein Kinase, Transmembrane

**Product images:**

TA348984 (6µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



TA348984 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.