

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, IHC:1:25-1:100

**Protein Background:**

As the catalytic component of the trimeric (Pol-delta3 complex) and tetrameric DNA polymerase delta complexes (Pol-delta4 complex), plays a crucial role in high fidelity genome replication, including in lagging strand synthesis, and repair. Exhibits both DNA polymerase and 3'- to 5'-exonuclease activities. Requires the presence of accessory proteins POLD2, POLD3 and POLD4 for full activity. Depending upon the absence (Pol-delta3) or the presence of POLD4 (Pol-delta4), displays differences in catalytic activity. Most notably, expresses higher proofreading activity in the context of Pol-delta3 compared with that of Pol-delta4. Although both Pol-delta3 and Pol-delta4 process Okazaki fragments in vitro, Pol-delta3 may be better suited to fulfill this task, exhibiting near-absence of strand displacement activity compared to Pol-delta4 and stalling on encounter with the 5'-blocking oligonucleotides. Pol-delta3 idling process may avoid the formation of a gap, while maintaining a nick that can be readily ligated.

**Gene ID:**

ROR1

**Uniprot**

Q01973

**Synonyms:**

receptor tyrosine kinase-like orphan receptor 1

**Immunogen:**

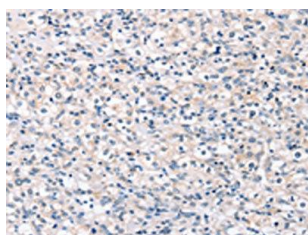
Synthetic peptide of human ROR1.

**Storage:**

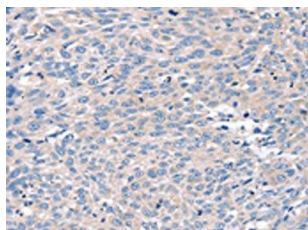
-20&deg; C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

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The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using PACO20581(ROR1 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO20581(ROR1 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).