

Datasheet for ABIN7261562

**anti-ROR2 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µL
Target:	ROR2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROR2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	A synthetic peptide of human ROR2 (NP_004551.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	ROR2
Alternative Name:	ROR2 ( <a href="#">ROR2 Products</a> )
Background:	The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B,

## Target Details

a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance.

Molecular Weight: Observed\_MW: 135 kDa  
Calculated\_MW: 104 kDa

Gene ID: 4920

UniProt: [Q01974](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

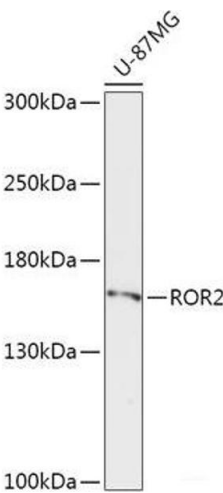
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of U-87MG cells using ROR2 Polyclonal Antibody at dilution of 1:1000.