

Datasheet for ABIN7452013  
**anti-ROBO1 antibody (AA 1275-1325)**



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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 20 µg   |
| Target:              | ROBO1   |
| Binding Specificity: | AA 1275-1325                                    |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This ROBO1 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

|               |   |
|---------------|---|
| Purpose:      | Rabbit anti-ROBO1 Antibody, Affinity Purified |
| Immunogen:    | between AA 1275 and 1325                      |
| Isotype:      | IgG   |
| Purification: | Affinity Purified                             |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | ROBO1  |
| Alternative Name: | ROBO1 ( <a href="#">ROBO1 Products</a> )   |
| Background:       | Background: ROBO1 (Roundabout homolog 1) is the receptor for SLIT1 and SLIT2. SLIT1 and SLIT2 play a role in axonal guidance in the major forebrain by regulating axon crossing at the |

## Target Details

midline and specifying directional positioning of longitudinal axonal pathways. ROBO1 is widely expressed and may also be important to lung development. ROBO1 has been reported to have tumor suppressor activity and to be frequently inactivated in lung and breast cancers.

Gene ID: 6091

NCBI Accession: [NP\\_002932](#)

UniProt: [Q9Y6N7](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months