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## Datasheet for ABIN7384085 **anti-ROBO1 antibody**

### Overview

Quantity:	60 µL
Target:	ROBO1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROBO1 antibody is un-conjugated
Application:	Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant fusion protein of human ROBO1 (NP_002932.1).
Isotype:	IgG
Purification:	Affinity purification

### Target Details

Target:	ROBO1
Alternative Name:	ROBO1 ( <a href="#">ROBO1 Products</a> )
Background:	<p>ROBO1,DUTT1,SAX3,Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline.</p> <p>The product of this gene is a member of the immunoglobulin gene superfamily and encodes an integral membrane protein that functions in axon guidance and neuronal precursor cell</p>

## Target Details

migration. This receptor is activated by SLIT-family proteins, resulting in a repulsive effect on glioma cell guidance in the developing brain. A related gene is located at an adjacent region on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene.

Gene ID: 6091

UniProt: [Q9Y6N7](#)

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

## Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

## Handling

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.