

Datasheet for ABIN2783972

## anti-Plexin A2 antibody (N-Term)



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1 Image

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### Overview

Quantity:	100 µL
Target:	Plexin A2 (Plxna2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin A2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PLXNA2
Sequence:	SVASYVYNGY SVVFGTKSG KLKKIRADGP PHGGVQYEMV SVLKDGSPIL
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PLXNA2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	Plexin A2 (Plxna2)
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## Target Details

Alternative Name:	PLXNA2 ( <a href="#">Plxna2 Products</a> )
Background:	<p>PLXNA2 is a member of the plexin-A family of semaphorin co-receptors. Semaphorins are a large family of secreted or membrane-bound proteins that mediate repulsive effects on axon pathfinding during nervous system development. A subset of semaphorins are recognized by plexin-A/neuropilin transmembrane receptor complexes, triggering a cellular signal transduction cascade that leads to axon repulsion. This plexin-A family member is thought to transduce signals from semaphorin-3A and -3C. This gene encodes a member of the plexin-A family of semaphorin co-receptors. Semaphorins are a large family of secreted or membrane-bound proteins that mediate repulsive effects on axon pathfinding during nervous system development. A subset of semaphorins are recognized by plexin-A/neuropilin transmembrane receptor complexes, triggering a cellular signal transduction cascade that leads to axon repulsion. This plexin-A family member is thought to transduce signals from semaphorin-3A and -3C.</p> <p>Alias Symbols: FLJ11751, FLJ30634, KIAA0463, OCT, PLXN2</p> <p>Protein Interaction Partner: CEMIP, FNBP4, UBAP2L, IFT80, HACE1, DHX37,</p> <p>Protein Size: 1894</p>
Molecular Weight:	211 kDa
Gene ID:	5362
NCBI Accession:	<a href="#">NM_025179</a> , <a href="#">NP_079455</a>
UniProt:	<a href="#">O75051</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1894 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

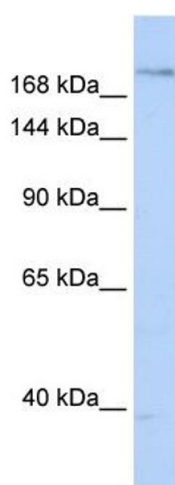
## Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: <b>Nucleic acids research</b> , Vol. 34, Issue Database issue, pp. D415-8, (2005) ( <a href="#">PubMed</a> ).
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## Images



### Western Blotting

**Image 1.** WB Suggested Anti-PLXNA2 Antibody Titration:  
0.2-1 ug/ml Positive Control: Hela cell lysate