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Datasheet for ABIN701938  
**anti-Plexin A2 antibody (AA 1251-1400) (Cy3)**

### Overview

Quantity:	100 µL
Target:	Plexin A2 (Plxna2)
Binding Specificity:	AA 1251-1400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin A2 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Plexin A2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	Plexin A2 (Plxna2)
Alternative Name:	Plexin A2 ( <a href="#">Plxna2 Products</a> )
Background:	Synonyms: PlexinA2, PLXA2, PLXNA2, Semaphorin receptor OCT.

## Target Details

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Background: Plexin A2 is a coreceptor for SEMA3A and is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. This coreceptor plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin in which the plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of downstream signaling events in the cytoplasm.

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Gene ID: 5362

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months