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Datasheet for ABIN7163698

anti-Plexin A1 antibody (AA 32-296) (HRP)

Overview

| | |
|----------------------|----------------------------------------------|
| Quantity: | 100 µg |
| Target: | Plexin A1 (PLXNA1) |
| Binding Specificity: | AA 32-296 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Plexin A1 antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|------------------------------------------------|
| Immunogen: | Recombinant Human Plexin-A1 protein (32-296AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | Plexin A1 (PLXNA1) |
| Alternative Name: | PLXNA1 (PLXNA1 Products) |
| Background: | Background: Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon |

Target Details

guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm

Aliases: PLXNA1 antibody, NOV antibody, PLXN1 antibody, Plexin-A1 antibody, Semaphorin receptor NOV antibody

UniProt: [Q9UIW2](#)

Pathways: [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.