

## Rabbit anti-Human, Mouse PLXND1 Polyclonal Antibody | anti-PLXND1 antibody

PLXND1 Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA306106</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

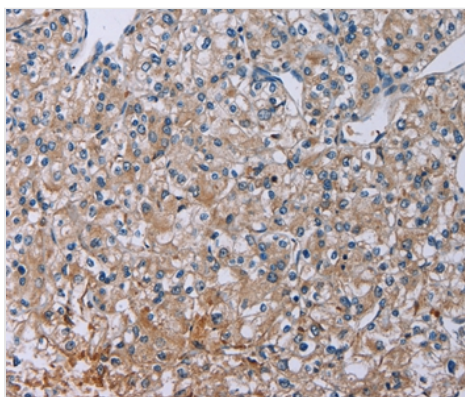
### PRODUCT SYNONYMS

PLXND1; Polyclonal Antibody; PLXND1 Antibody; PLEXD1; anti-PLXND1 antibody

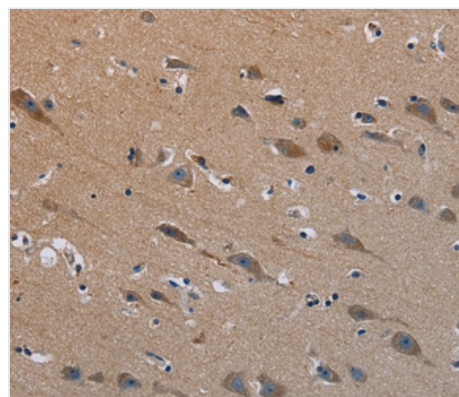
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                        |
| Reactivity                                       | Human, Mouse                                                                                  |
| Clonality                                        | Polyclonal                                                                                    |
| Specificity                                      | The antibody detects endogenous levels of total PLXND1 protein.                               |
| Purity/Purification                              | Antigen affinity purification.                                                                |
| Form/Format                                      | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                               |
| Concentration                                    | 2.7 mg/ml (varies by lot)                                                                     |
| Sequence Length                                  | 1925                                                                                          |
| Applicable Applications for anti-PLXND1 antibody | IHC (Immunohistochemistry)                                                                    |
| Immunogen Type                                   | Peptide                                                                                       |
| Immunogen Description                            | Synthetic peptide corresponding to a region derived from internal residues of human plexin D1 |
| Target Name                                      | PLXND1                                                                                        |
| Preparation and Storage                          | Store at -20°C                                                                                |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/40.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/40.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PLXND1 antibody | Cell surface receptor for SEMA4A and for class 3 semaphorins, such as SEMA3A, SEMA3C and SEMA3E. Plays an important role in cell-cell signaling, and in regulating the migration of a wide spectrum of cell types. Regulates the migration of thymocytes in the medulla. Regulates endothelial cell migration. Plays an important role in ensuring the specificity of synapse formation. Required for normal development of the heart and vasculature By similarity. Mediates anti-angiogenic signaling in response to SEMA3E. |
| Product Categories/Family for anti-PLXND1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 157694524                                      |
| NCBI GeneID                      | 23129                                          |
| NCBI Accession #                 | NP_055918.2                                    |
| NCBI GenBank Nucleotide #        | NM_015103.2                                    |
| UniProt Accession #              | Q9Y4D7; Q6PJS9; Q8IZJ2; Q9BTQ2; A7E2C6; C9JPZ6 |
| NCBI Official Full Name          | plexin-D1                                      |
| NCBI Official Synonym Full Names | plexin D1                                      |
| NCBI Official Symbol             | PLXND1                                         |
| NCBI Official Synonym Symbols    | PLEXD1                                         |
| NCBI Protein Information         | plexin-D1                                      |
| UniProt Protein Name             | Plexin-D1                                      |
| UniProt Gene Name                | PLXND1                                         |
| UniProt Synonym Gene Names       | KIAA0620                                       |
| UniProt Entry Name               | PLXD1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/plxnd1-antibody-immunohistochemistry-elisa/306106>