

## Rabbit anti-Human SERPINE2 Polyclonal Antibody | anti-SERPINE2 antibody

SERPINE2 Antibody (Center)

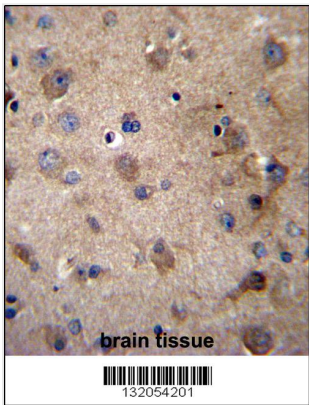
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA288379 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

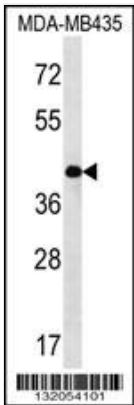
SERPINE2; Polyclonal Antibody; SERPINE2 Antibody (Center); Glia-derived nexin; GDN; Peptidase inhibitor 7; PI-7; Protease nexin 1; PN-1; Protease nexin I; Serpin E2; PI7; PN1; anti-SERPINE2 antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                       |
| Reactivity                                         | Human                                                                                                                                                                        |
| Clonality                                          | Polyclonal                                                                                                                                                                   |
| Isotype                                            | Rabbit Ig                                                                                                                                                                    |
| Specificity                                        | This SERPINE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the Central region of human SERPINE2.    |
| Purity/Purification                                | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                        | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                      | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                                 | 106-135                                                                                                                                                                      |
| Sequence Length                                    | 409                                                                                                                                                                          |
| Applicable Applications for anti-SERPINE2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                       | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                     | HUMAN                                                                                                                                                                        |
| Preparation and Storage                            | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohiostchemistry)**  
SERPINE2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SERPINE2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
SERPINE2 Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the SERPINE2 antibody detected the SERPINE2 protein (arrow).

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SERPINE2 antibody | SERPINE2 is a serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.                                                                                                                                                                  |
| Product Categories/Family for anti-SERPINE2 antibody   | Cardiovascular; Cell Biology; Neuroscience; Signal Transduction                                                                                                                                                                                                                                                                   |
| References                                             | Bianchini, G., et al. J. Clin. Oncol. 28(28):4316-4323(2010)<br>Hersh, C.P., et al. Am. J. Respir. Crit. Care Med. 182(5):605-613(2010)<br>Hultman, K., et al. J. Neurosci. Res. 88(11):2441-2449(2010)<br>Kim, W.J., et al. Eur. Respir. J. (2010) In press :<br>Sorheim, I.C., et al. Clin Respir J 2 SUPPL 1, 129-131 (2008) : |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 211904152                                                                                     |
| NCBI GeneID                      | 5270                                                                                          |
| NCBI Accession #                 | NP_001130000.1; NP_001130002.1; NP_006207.1                                                   |
| NCBI GenBank Nucleotide #        | NM_001136528.1                                                                                |
| UniProt Accession #              | P07093; Q53S15; Q5D0C4; B2R6A4; B4DIF2                                                        |
| Molecular Weight                 | 44002                                                                                         |
| NCBI Official Full Name          | glia-derived nexin isoform b                                                                  |
| NCBI Official Synonym Full Names | serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 |
| NCBI Official Symbol             | SERPINE2                                                                                      |
| NCBI Official Synonym Symbols    | GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF                                                         |
| NCBI Protein Information         | glia-derived nexin                                                                            |
| UniProt Protein Name             | Glia-derived nexin                                                                            |
| UniProt Gene Name                | SERPINE2                                                                                      |
| UniProt Synonym Gene Names       | PI7; PN1; GDN; PI-7; PN-1                                                                     |
| UniProt Entry Name               | GDN_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpine2-antibody-immunohistochemistry-western-blot-elisa/288379>