

## Rabbit anti-Rat Pigment Epithelium Derived Factor (PEDF) Antibody | anti-PEDF antibody

Polyclonal Antibody to Pigment Epithelium Derived Factor (PEDF)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                 |
|-----------|--------|------------|------------------------------------------------------------------------------|
| AAA146591 | Rabbit | Rat        | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Pigment Epithelium Derived Factor (PEDF); Polyclonal Antibody to Pigment Epithelium Derived Factor (PEDF); SERPINF1; EPC1; PIG35; SDF3; Serpin F1; Cell proliferation-inducing gene 35; Serpin Peptidase Inhibitor; Clade F Member 1 (Alpha-2 Antiplasmin); Stromal Cell Derived Factor 3; anti-PEDF antibody

### PRODUCT SPECIFICATIONS

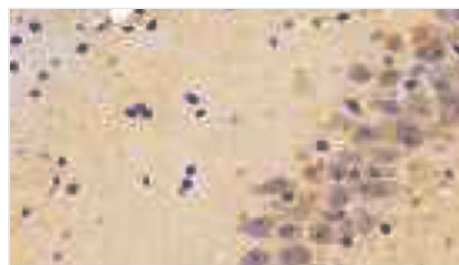
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                     | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification                            | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                    | Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                  | 0.29mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-PEDF antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source                                         | Polyclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Traits                                         | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen                                      | Recombinant PEDF (Gln20~Thr418) expressed in E.coli ( ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                        | <p><b>Storage:</b><br/>           Avoid repeated freeze/thaw cycles.<br/>           Store at 4 degree C for frequent use.<br/>           Aliquot and store at -20 degree C for 24 months.</p> <p><b>Stability Test:</b><br/>           thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

### IMAGES



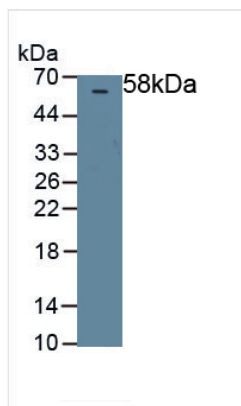
**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Rat Uterus Tissue; Primary Ab: 10ug/ml Rabbit Anti-Rat PEDF Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Rat Cerebrum Tissue; Primary Ab: 10ug/ml Rabbit Anti-Rat PEDF Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



#### WB (Western Blot)

Figure. Western Blot: Sample: Recombinant PEDF, Rat

## NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 29293811                          |
| NCBI GeneID                      | 287526                            |
| NCBI Accession #                 | NP_808788.1                       |
| NCBI GenBank Nucleotide #        | NM_177927.2                       |
| UniProt Accession #              | Q80ZA3; F1LSW0                    |
| Molecular Weight                 | 46,465 Da                         |
| NCBI Official Full Name          | pigment epithelium-derived factor |
| NCBI Official Synonym Full Names | serpin family F member 1          |
| NCBI Official Symbol             | Serpinf1                          |
| NCBI Official Synonym Symbols    | Pedf; Dmrs91                      |
| NCBI Protein Information         | pigment epithelium-derived factor |
| UniProt Protein Name             | Alpha-2 antiplasmin               |
| UniProt Gene Name                | Serpinf1                          |

**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/rabbit-rat-antibody/pigment-epithelium-derived-factor-pedf/146591>