

## Rabbit anti-Rat Stromal Cell Derived Factor 1 Polyclonal Antibody | anti-SDF1 antibody

Polyclonal Antibody to Stromal Cell Derived Factor 1 (SDF1)

|                               |                       |                          |                                                                                       |
|-------------------------------|-----------------------|--------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA143751</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------|--------------------------|---------------------------------------------------------------------------------------|

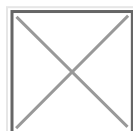
### PRODUCT SYNONYMS

Stromal Cell Derived Factor 1; Polyclonal Antibody; Polyclonal Antibody to Stromal Cell Derived Factor 1 (SDF1); anti-SDF1 antibody

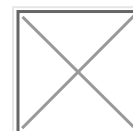
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                        |
| Reactivity                                     | Rat                                                                                                                                                                                           |
| Clonality                                      | Polyclonal                                                                                                                                                                                    |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against SDF1. It has been selected for its ability to recognize SDF1 in immunohistochemical staining and western blotting.                |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                       |
| Form/Format                                    | Liquid                                                                                                                                                                                        |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                      |
| Sequence Length                                | 140                                                                                                                                                                                           |
| Applicable Applications for anti-SDF1 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                               |
| Fragment                                       | SDF1 (Gly21~Lys89)                                                                                                                                                                            |
| Organism Species                               | Rattus norvegicus (Rat)                                                                                                                                                                       |
| Cross Reactivity                               | Rat                                                                                                                                                                                           |
| Conjugate                                      | No Conjugate                                                                                                                                                                                  |
| Immunogen                                      | Recombinant SDF1 (Gly21~Lys89) expressed in E Coli.                                                                                                                                           |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                         |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

### IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P. Samples: Rat Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 11559933 |
|-----------|----------|

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GeneID                      | 24772                                                             |
| NCBI Accession #                 | NP_071513.1                                                       |
| NCBI GenBank Nucleotide #        | NM_022177.3                                                       |
| UniProt Accession #              | Q9QZD1                                                            |
| Molecular Weight                 | 9,977 Da                                                          |
| NCBI Official Full Name          | stromal cell-derived factor 1 isoform alpha                       |
| NCBI Official Synonym Full Names | C-X-C motif chemokine ligand 12                                   |
| NCBI Official Symbol             | Cxcl12                                                            |
| NCBI Official Synonym Symbols    | Sdf1                                                              |
| NCBI Protein Information         | stromal cell-derived factor 1                                     |
| UniProt Protein Name             | Chemokine (C-X-C motif) ligand 12 (Stromal cell-derived factor 1) |
| UniProt Gene Name                | Cxcl12                                                            |

**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/stromal-cell-derived-factor-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143751>