

## Rabbit SRPX1 Polyclonal Antibody | anti-SRPX antibody

SRPX1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA40286  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

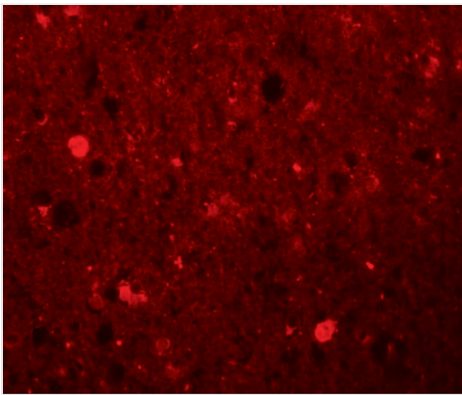
### PRODUCT SYNONYMS

SRPX1; Polyclonal Antibody; SRPX1 Antibody; DRS; ETX1; HEL-S-83p; Sushi repeat-containing protein SRPX; sushi-repeat-containing protein; X-linked; anti-SRPX antibody

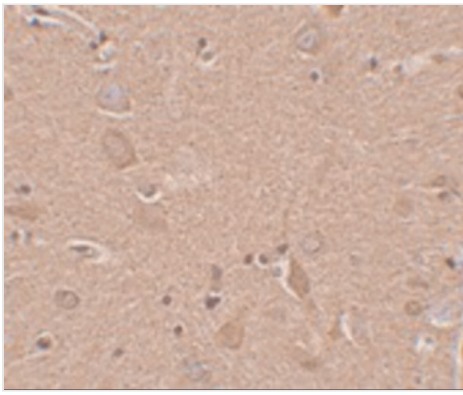
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                             |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                      |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                           |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                        | IgG                                                                                                                                                                                                                                                         |
| Purity/Purification                            | SRPX1 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                    | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                  | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                | 464                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-SRPX antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                               |
| Conjugate                                      | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                      | SRPX1 antibody was raised against a 13 amino acid synthetic peptide from near the amino terminus of human SRPX1.                                                                                                                                            |
| Buffer                                         | SRPX1 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                        | SRPX1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

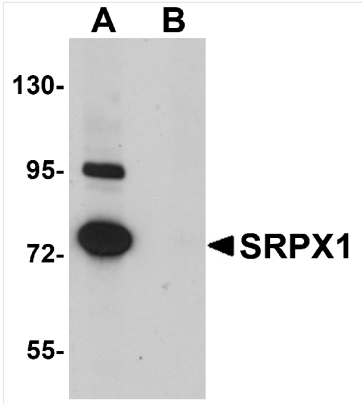
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of SRPX1 in human brain tissue with SRPX1 antibody at 20 µg/mL.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of SRPX1 in human brain tissue with SRPX1 antibody at 5 µg/mL.



**WB (Western Blot)**  
Western blot analysis of SRPX1 in SK-N-SH cell lysate with SRPX1 antibody at 0.25 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

**Related Product Information for anti-SRPX antibody**

**SRPX1 Antibody:** SRPX1 was initially identified as a candidate gene for X-linked retinitis pigmentosa and is overexpressed in the trabecular network of the eye in glaucoma conditions. Its expression is significantly downregulated in a number cancer cell lines and malignant tumor tissues and its ectopic expression induces apoptosis through the endoplasmic reticulum and the activation of caspase-12, -9, and -3, indicating that it can function as a tumor suppressor. SRPX1 is also involved with the regulation of autophagy under low serum conditions and can associate with Rab24, a member of the Rab GTPase protein family that is involved in autophagy. This association of SRPX1 with Rab24 is enhanced during autophagy.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 5454086                                                                        |
| NCBI GeneID                      | 8406                                                                           |
| NCBI Accession #                 | NP_006298                                                                      |
| NCBI GenBank Nucleotide #        | NM_006307.4                                                                    |
| UniProt Accession #              | P78539; Q4VX66; Q99652; Q99913; A8K065; B3KWP8; B4DDB8; B4DQH5; F5H4D7; G3V1L0 |
| Molecular Weight                 | 49,382 Da                                                                      |
| NCBI Official Full Name          | sushi repeat-containing protein SRPX isoform 1                                 |
| NCBI Official Synonym Full Names | sushi-repeat containing protein, X-linked                                      |

|                               |                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Symbol          | SRPX                                                                                                                                                                              |
| NCBI Official Synonym Symbols | DRS; ETX1; SRPX1; HEL-S-83p                                                                                                                                                       |
| NCBI Protein Information      | sushi repeat-containing protein SRPX; sushi-repeat-containing protein, X-linked; sushi-repeat-containing protein, X chromosome; epididymis secretory sperm binding protein Li 83p |
| UniProt Protein Name          | Sushi repeat-containing protein SRPX                                                                                                                                              |
| UniProt Gene Name             | <b>SRPX</b>                                                                                                                                                                       |
| UniProt Synonym Gene Names    | ETX1                                                                                                                                                                              |
| UniProt Entry Name            | SRPX_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/srpx1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40286>