# SRPX Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | SRPX, Polyclonal Antibody |
| **Full Product Name** | SRPX, ID (SRPX, ETX1, Sushi repeat-containing protein SRPX) (MaxLight 405) |
| **Product Gene Name** | anti-SRPX antibody |
| **Product Synonym Names** | SRPX; ETX1; Sushi repeat-containing protein SRPX |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 49,382 Da |
| **OMIM** | 300187 |
| **3D Structure** | ModBase 3D Structure for P78539 |
| **Immunogen** | SRPX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-246 amino acids from the Central region of human SRPX. |
| **Conjugate** | MaxLight405 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-SRPX antibody** | Antibodies; Signal Transduction |
| **Applications Tested/Suitable for anti-SRPX antibody** | Western Blot (WB), FLISA |
| **Application Notes for anti-SRPX antibody** | WB: 1:100-500<br>FLISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-SRPX antibody** | SRPX may be involved in phagocytosis during disk shedding, cell adhesion to cells other than the pigment epithelium or signal transduction. |
| **Product References and Citations for anti-SRPX antibody** | Burnicka-Turek, O., et al. BMC Cell Biol. 11, 28 (2010): Shimakage, M., et al. Oncol. Rep. 21(6):1367-1372(2009). Iragavarapu, S., et al. Mol. Vis. 15, 2061-2067 (2009): Tambe, Y., et al. Oncogene 23(17):2977-2987(2004). Kim, C.J., et al. Hum. Pathol. 34(7):654-657(2003). |
| **Other Notes** | Small volumes of anti-SRPX antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

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| **Searchable Terms for SRPX purchase** | MBS6351229 is an antibody targeting SRPX. Also known as SRPX, ID (SRPX, ETX1, Sushi repeat-containing protein SRPX) (MaxLight 405). Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SRPX. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 5454086 |
| **NCBI GeneID** | 8406 |
| **NCBI Accession #** | NP_006298.1 |
| **UniProt Primary Accession #** | P78539 |
| **UniProt Secondary Accession #** | Q4VX66; Q99652; Q99913; A8K065; B3KWP8; B4DDB8; B4DQH5; F5H4D7; G3V1L0 |
| **UniProt Related Accession #** | P78539 |
| **GenBank Nucleotide #** | NM_006307.4 |
| **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 |
| **UniProt Protein Name** | Sushi repeat-containing protein SRPX |
| **Protein Family** | Sushi repeat-containing protein |
| **UniProt Gene Name** | SRPX |
| **UniProt Synonym Gene Names** | ETX1 |
| **UniProt Entry Name** | SRPX_HUMAN |
| **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 Comments for SRPX** | SRPX: May be involved in phagocytosis during disk shedding, cell adhesion to cells other than the pigment epithelium or signal transduction. 3 isoforms of the human protein are produced by alternative splicing.<br><br>Chromosomal Location of Human Ortholog: Xp21.1<br><br>Cellular Component: cell surface; membrane; endoplasmic reticulum; autophagic vacuole<br><br>Biological Process: phagolysosome formation; autophagy; cell adhesion |
| **Research Articles on SRPX** | **1.** The SRPX protein contains the P-DUDES structural domain in its C-terminal region. This domain has significant albeit remote sequence similarity to thioredoxin-like domains, and is predicted to possess an oxidoreductase function. |
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