

Rabbit SRPX2 Polyclonal Antibody | anti-SRPX2 antibody

SRPX2 Antibody

CATALOG # AAA323303	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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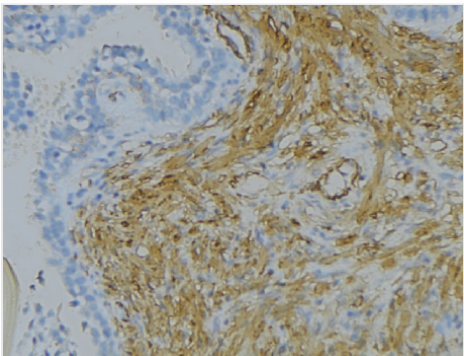
PRODUCT SYNONYMS

SRPX2; Polyclonal Antibody; SRPX2 Antibody; BPP; CBPS; PMGX; RESDX; SRPUL; SRPX 2; SRPX2_HUMAN; Sushi repeat containing protein SRPX2; Sushi repeat containing protein X linked 2; Sushi repeat protein; Sushi repeat-containing protein SRPX2; anti-SRPX2 antibody

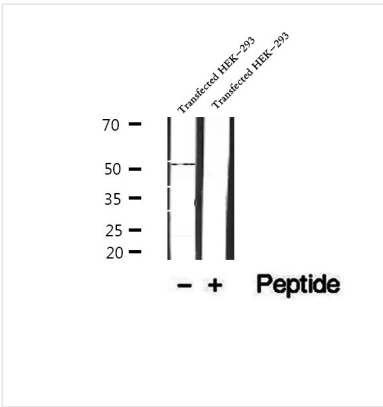
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SRPX2 antibody detects endogenous levels of SRPX2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	465
Applicable Applications for anti-SRPX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SRPX2.
Subcellular Location	Cytoplasm. Secreted.
Tissue Specificity	Expressed in neurons of the rolandic area of the brain (at protein level). Highly expressed in the brain, placenta, lung, trachea, uterus, adrenal gland, heart, ovary and placenta. Weakly expressed in the peripheral blood, brain and bone marrow. Expressed in numerous cancer cell lines and in gastrointestinal cancer cells. Higher levels found in colorectal cancers than in normal colonic mucosa.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (89%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323303 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of human placenta tissue, using SRPX2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SRPX2 antibody	Function: Acts as a ligand for the urokinase plasminogen activator surface receptor. Plays a role in angiogenesis by inducing endothelial cell migration and the formation of vascular network (cords). Involved in cellular migration and adhesion. Increases the phosphorylation levels of FAK. Interacts with and increases the mitogenic activity of HGF. Promotes synapse formation. May have a role in the perisylvian region, critical for language and cognitive development. Subunit Structure: Forms homooligomers (By similarity). Interacts with PLAUR (via the UPAR/Ly6 domains), ADAMTS4 and CTSB. Interacts with HGF; the interaction increases the mitogenic activity of HGF. Post-translational Modifications: Contains chondroitin sulfate chains.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657619
NCBI GeneID	27286
NCBI Accession #	NP_055282.1
NCBI GenBank Nucleotide #	NM_014467.2
UniProt Accession #	O60687; Q8WW85; B3KQT3
Molecular Weight	Observed: 53 kDa Predicted: 53 kDa
NCBI Official Full Name	sushi repeat-containing protein SRPX2
NCBI Official Synonym Full Names	sushi repeat containing protein X-linked 2
NCBI Official Symbol	SRPX2
NCBI Official Synonym Symbols	BPP; CBPS; PMGX; RESDX; SRPUL
NCBI Protein Information	sushi repeat-containing protein SRPX2
UniProt Protein Name	Sushi repeat-containing protein SRPX2
UniProt Gene Name	SRPX2
UniProt Synonym Gene Names	SRPUL

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.

