

Datasheet for ABIN6991220
anti-SRPX antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	SRPX
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRPX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SRPX1 antibody was raised against a 13 amino acid synthetic peptide from near the amino terminus of human SRPX1. The immunogen is located within amino acids 30 - 80 of SRPX1.
Isotype:	IgG
Purification:	SRPX1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SRPX
Alternative Name:	SRPX1 (SRPX Products)
Background:	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.

Target Details

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.

Gene ID: 8406

NCBI Accession: [NP_006298](#)

UniProt: [P78539](#)

Application Details

Application Notes: SRPX1 antibody can be used for detection of SRPX1 by Western blot at 0.25 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SRPX1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SRPX1 antibody can be stored at 4°C for three months and -20°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.