

## SRPX Conjugated Antibody

Catalog No: #C38219



Package Size: #C38219-AF350 100ul #C38219-AF405 100ul #C38219-AF488 100ul  
 #C38219-AF555 100ul #C38219-AF594 100ul #C38219-AF647 100ul  
 #C38219-AF680 100ul #C38219-AF750 100ul #C38219-Biotin 100ul

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## Description

Product Name	SRPX Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total SRPX antibody.
Immunogen Description	Recombinant protein of human SRPX.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SRPX;DRS;ETX1;SRPX1 ;
Accession No.	Swiss-Prot#:P78539 NCBI Gene ID:8406
Uniprot	P78539
GeneID	8406;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	52
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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X-linked retinitis pigmentosa (XLRP) is a retinal degeneration disorder. The most common form of XLRP has been localized to the gene locus RP3 by linkage and deletion analysis. RP3 maps to chromosome Xp21.1 between CYBB and OTC. The sushi-repeat-containing protein, x chromosome (SRPX) gene, also designated ETX1, resides within this region and is deleted in XLRP patients. There are at least two splice variants of SRPX, one of which contains a thirty amino acid signal peptide. Both variants contain three complement control protein domains, a hydrophobic region for membrane anchorage, and a cytoplasmic carboxy terminus. SRPX is expressed in retina and heart. SRPX is highly homologous to the drs (downregulated by v-src) human homolog, which suggests a role for SRPX as a tumor suppressor.

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Note: This product is for in vitro research use only