

For Research Use Only

# CoraLite®594-conjugated SRPX2 Monoclonal antibody



Catalog Number:CL594-66266

Featured Product

## Basic Information

Catalog Number:

CL594-66266

Size:

N/A

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG8084

GenBank Accession Number:

BC020733

GeneID (NCBI):

27286

UNIPROT ID:

O60687

Full Name:

sushi-repeat-containing protein, X-linked 2

Calculated MW:

465 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

2A1D7

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

Species Specificity:

human, pig, mouse

## Background Information

SRPX2 (sushi-repeat-containing protein, X-linked 2) is a secreted protein expressed in neurons of the human adult brain, including the rolandic area (PMID: 20874700). Firstly described as sushi-repeat protein up-regulated in leukemia (SPRUL) in leukemia cells with dysregulated expression at the transcriptional level, SRPX2 has been recently shown as a multifunctional protein. SRPX2 is a ligand for uPAR, the urokinase-type plasminogen activator (uPA) receptor (PMID: 18718938). It is involved in seizure disorders, angiogenesis and cellular adhesion (PMID: 22242148; 19667118; 16497722). The involvement of SRPX2 in disorders of language cortex and cognition suggests it has an important role in the perisylvian region critical for language and cognitive development (PMID: 16497722).

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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