

For Research Use Only

SRPK2 Recombinant antibody, PBS Only

Catalog Number: 85613-5-PBS



Basic Information

Catalog Number:

85613-5-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17885

GenBank Accession Number:

BC035214

GeneID (NCBI):

6733

UNIPROT ID:

P78362

Full Name:

SFRS protein kinase 2

Calculated MW:

688 aa, 78 kDa

Observed MW:

105-110 kDa

Purification Method:

Protein A purification

CloneNo.:

242935B1

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

SRPK2, also named as serine/arginine protein kinase 2 and SFRSK2, belongs to SR protein-specific kinase family which phosphorylate the serine/arginine domain containing proteins in the nuclear speckles to mediate pre-mRNA splicing (PMID: 22854045). In addition to its major role as kinase for the phosphorylation of SR proteins, SRPK2 is involved in cell cycle regulation and cell apoptosis (PMID: 19592491). SRPK2 promotes the proliferation and migration of the colon cancer cells. It has been reported to be regulated in several cancer types (PMID: 27041240). It has 2 isoforms with the calculated molecular mass of 77-79 kDa, and the apparent molecular mass of 105-115 kDa due to posttranslational modification (PMID: 12134018, 16122776).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

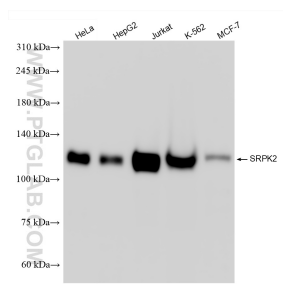
T: 4006900926

E: Proteintech-CN@ptglab.com

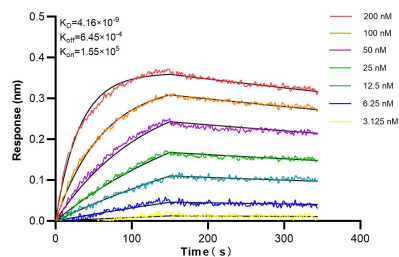
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85613-5-RR (SRPK2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85613-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85613-5-RR against Human SRPK2 were performed. The affinity constant is 4.16 nM.