

Immunotag™ SRPK2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1270
Product Description	Immunotag™ SRPK2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SRPK2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SRPK2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SRPK2
Accession No.	P78362 O54781

Antibody Specification

Description	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Ser-52 and Ser-588.,function:Phosphorylates RS domain-containing proteins, such as SFRS1 and SFRS2 on serine residues. Role in spliceosome assembly and in mediating the trafficking of splicing factors. Appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids.,sequence caution:The cDNA appears to contain a duplicated region.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highly expressed in brain, moderately expressed in heart and skeletal muscle and at low levels in lung, liver, and kidney.,
Protein Expression	Fetal brain,Skin,Testis,
Subcellular Localization	nucleus,nucleoplasm,nucleolus,cytoplasm,
Protein Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Ser-52 and Ser-588.,function:Phosphorylates RS domain-containing proteins, such as SFRS1 and SFRS2 on serine residues. Role in spliceosome assembly and in mediating the trafficking of splicing factors. Appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids.,sequence caution:The cDNA appears to contain a duplicated region.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highly expressed in brain, moderately expressed in heart and skeletal muscle and at low levels in lung, liver, and kidney.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.