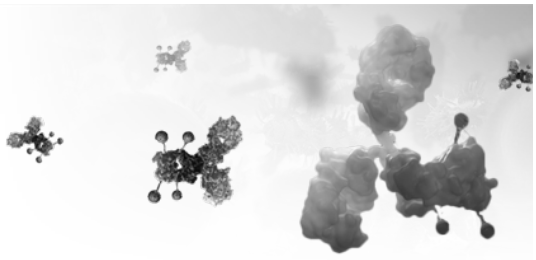

Human STRADB blocking peptide (CDBP0384)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ALS2CR2/ILPIP antibody
Antigen Description	This gene encodes a protein that belongs to the serine/threonine protein kinase STE20 subfamily. One of the active site residues in the protein kinase domain of this protein is altered, and it is thus a pseudokinase. This protein is a component of a complex involved in the activation of serine/threonine kinase 11, a master kinase that regulates cell polarity and energy-generating metabolism. This complex regulates the relocation of this kinase from the nucleus to the cytoplasm, and it is essential for G1 cell cycle arrest mediated by this kinase. The protein encoded by this gene can also interact with the X chromosome-linked inhibitor of apoptosis protein, and this interaction enhances the anti-apoptotic activity of this protein via the JNK1 signal transduction pathway. Two pseudogenes, located on chromosomes 1 and 7, have been found for this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	STRADB STE20-related kinase adaptor beta [Homo sapiens (human)]

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Official Symbol	STRADB
Synonyms	STRADB; STE20-related kinase adaptor beta; PAPK; ILPIP; ILPIPA; ALS2CR2; CALS-21; PRO1038; STE20-related kinase adapter protein beta; STRAD beta; pseudokinase ALS2CR2; ILP-interacting protein ILPIPA; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 2 protein;
Entrez Gene ID	55437
mRNA Refseq	NM_001206864.1
Protein Refseq	NP_001193793.1
UniProt ID	Q9C0K7
Chromosome Location	2q33.1
Pathway	AMPK signaling, organism-specific biosystem; Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; IGF1R signaling cascade, organism-specific biosystem; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; IRS-related events triggered by IGF1R, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; LKB1 signaling events, organism-specific biosystem; PI3K Cascade, organism-specific b
Function	ATP binding; protein binding; NOT protein kinase activity; NOT receptor signaling protein serine/threonine kinase activity;

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