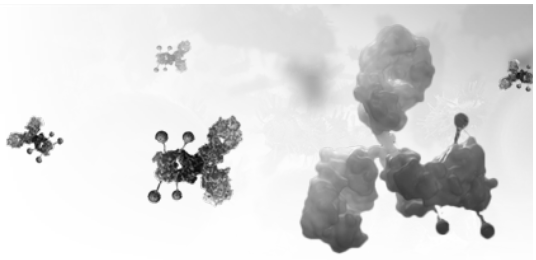

STRADB blocking peptide (CDBP5576)

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

PRODUCT INFORMATION

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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

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

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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
Protein Refseq	NP_001193793
UniProt ID	Q9C0K7
Pathway	AMPK signaling; AMPK signaling pathway; Energy dependent regulation of mTOR by LKB1-AMPK; IGF1R signaling cascade; IRS-mediated signalling; IRS-related events; IRS-related events triggered by IGF1R; Insulin receptor signalling cascade
Function	ATP binding; protein binding; NOT protein kinase activity

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