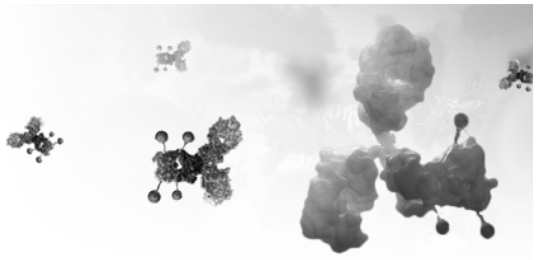

Anti-STRADB (aa 1-95) polyclonal antibody (DPAB-DC2406)

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.
Immunogen	STRADB (NP_061041, 1 a.a. ~ 95 a.a) partial recombinant protein with GST tag. The sequence is MSLLDCFCTSRTQVESLRPEKQSETSIHQYLVDEPTLSWSRPSTRASEVLCSTNVSHYELQVEIGRGFDNLTSVHLARHTPTGTLVTIKITNLEN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

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Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	STRADB STE20-related kinase adaptor beta [Homo sapiens (human)]
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
Protein Refseq	NP_001193793
UniProt ID	Q9C0K7
Chromosome Location	2q33.1
Pathway	AMPK signaling; AMPK signaling pathway; IGF1R signaling cascade; IRS-related events
Function	ATP binding; protein binding; NOT protein kinase activity; NOT receptor signaling protein serine/threonine kinase activity

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