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ARG45104
anti-STRADB/PAPK antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STRADB/PAPK.
Tested Reactivity	Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STRADB
Species	Mouse
Immunogen	Synthetic peptide corresponding to amino acids from the C-terminal region of mouse STRADB/PAPK protein.
Conjugation	Un-conjugated
Alternate Names	STRADB; STE20 Related Adaptor Beta; CALS-21; ILPIP; ALS2CR2; ILPIPA; PAPK; Amyotrophic Lateral Sclerosis 2 Chromosomal Region Candidate Gene 2 Protein; Amyotrophic Lateral Sclerosis 2 (Juvenile) Chromosome Region, Candidate 2; STE20-Related Kinase Adapter Protein Beta; STE20-Related Kinase Adaptor Beta; seudokinase ALS2CR2; STRAD Beta; ILP-Interacting Protein ILPIPA; ILP-Interacting Protein; PRO1038

Application Instructions

Application table

Application	Dilution
WB	1:500-1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	PBS, 0.02% NaN3
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	Stradb
Gene Full Name	STE20 Related Adaptor Beta
Background	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 ge
Function	Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation. [Uniprot]
Calculated Mw	48 kDa
Cellular Localization	Cytoplasm, Nucleus. [Uniprot]