STRADB Rabbit Polyclonal Antibody

CAB8651

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

47kDa

Calculated MW:

31kDa/42kDa/47kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:200 - 1:1000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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 gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:
55437

Uniprot
Q9C0K7

Synonyms:
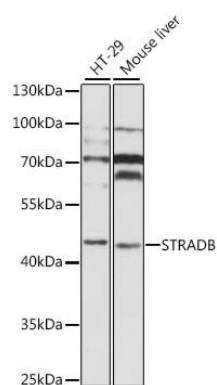STRADB; ALS2CR2; CALS-21; ILPIP; ILPIPA; PAPK; PRO1038

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 209-418 of human STRADB (NP_061041.2).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

Western blot analysis of extracts of various cell lines, using STRADB antibody (CAB8651) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.