

STRADA

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:1000 - 1:2000

Calculated MW:48kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human STRADA

Storage Buffer:

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

Synonym:

LYK5; PMSE; Stk; STRAD; NY-BR-96;

Catalog #:A10336

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:92335

Isotype:IgG

Swiss Prot:Q7RTN6

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene contains a STE20-like kinase domain, but lacks several residues that are critical for catalytic activity, so it is termed a 'pseudokinase'. The protein forms a heterotrimeric complex with serine/threonine kinase 11 (STK11, also known as LKB1) and the scaffolding protein calcium binding protein 39 (CAB39, also known as MO25). The protein activates STK11 leading to the phosphorylation of both proteins and excluding STK11 from the nucleus. The protein is necessary for STK11-induced G1 cell cycle arrest. A mutation in this gene has been shown to result in polyhydramnios, megalencephaly, and symptomatic epilepsy (PMSE) syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their full-length nature is not known.

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