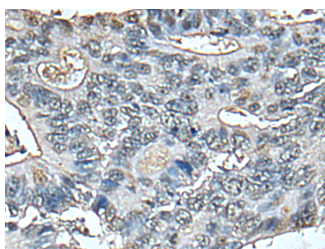


STRADA Polyclonal Antibody

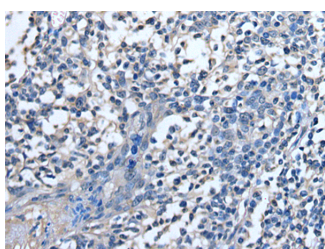
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-52195 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | IHC,ELISA | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using STRADA Polyclonal Antibody at dilution of 1:85(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using STRADA Polyclonal Antibody at dilution of 1:85(×200)

Immunogen Information

| | |
|-----------------------|--|
| Immunogen | Full length fusion protein |
| Gene Accession | BC043641 |
| Swissprot | Q7RTN6 |
| Synonyms | Protein kinase LYK5,Serologically defined breast cancer antigen NY BR 96,STE20 related adapter protein,STRAD alpha,STRAD |

Product Information

| | |
|-----------------|--|
| Buffer | PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4 |
| Purify | Antigen affinity purification |
| Dilution | IHC 1:45-1:300, ELISA 1:5000-1:10000 |

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.