

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## STRADA RABBIT PAB

Cat.#: S217584

**Product Name:** Anti-STRADA Rabbit Polyclonal Antibody **Synonyms:** LYK5; PMSE; Stlk; STRAD; NY-BR-96; STRAD alpha

**UNIPROT ID:** Q7RTN6 (Gene Accession - BC043641)

**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.

Immunogen: Fusion protein of human STRADA

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

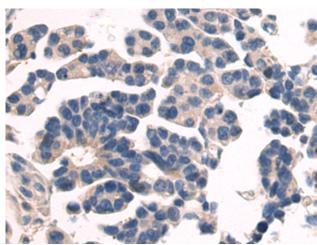
Research Areas: Cancer, Metabolism

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

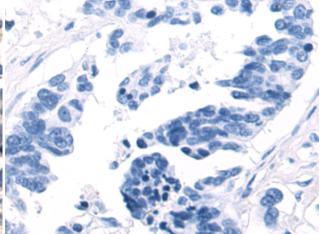


## **Product Description**

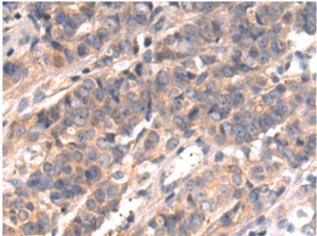
Pioneering GTPase and Oncogene Product Development since 2010



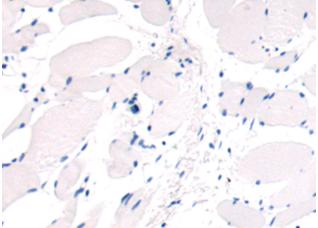
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 217584(STRADA Antibody) at a dilution of 1/70 (Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 217584(Anti-STRADA Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with fusion 217584(Anti-STRADA Antibody) at a dilution of protein and then with D222639(Anti-STRADA 1/70.



In comparision with the IHC on the left, the same paraffin-embedded Human breast Antibody) at dilution 1/70.