

STRADA Antibody

Catalog No: #43521

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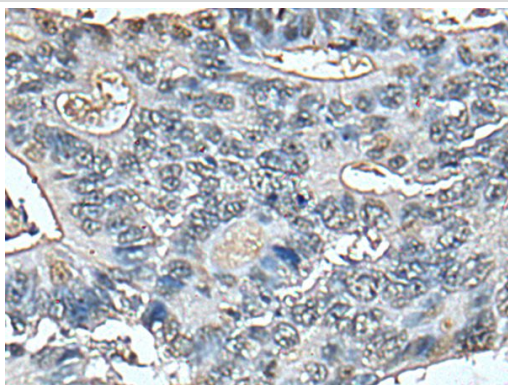
Description

Product Name	STRADA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total STRADA protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein
Target Name	STRADA
Other Names	LYK5; PMSE; Stlk; STRAD; NY-BR-96
Accession No.	Swiss-Prot#: Q7RTN6NCBI Gene ID: 92335
Uniprot	Q7RTN6
GeneID	92335;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

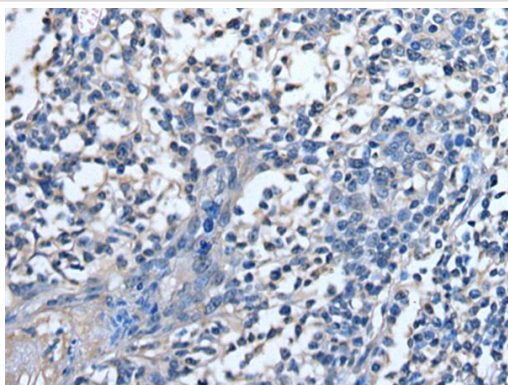
Application Details

Immunohistochemistry: 1: 100-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using STRADA Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using STRADA Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)

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.

Note: This product is for in vitro research use only