

STK33 Antibody

Catalog No: #42768

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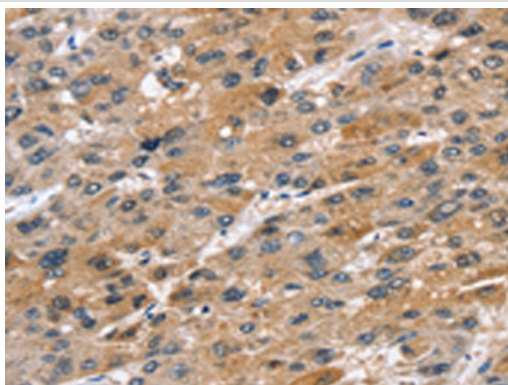
Description

Product Name	STK33 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total STK33 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human STK33
Target Name	STK33
Other Names	serine/threonine kinase 33; Serine/threonine-protein kinase 33
Accession No.	Swiss-Prot#: Q9BYT3Gene ID: 65975
Uniprot	Q9BYT3
GeneID	65975;
Concentration	2.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

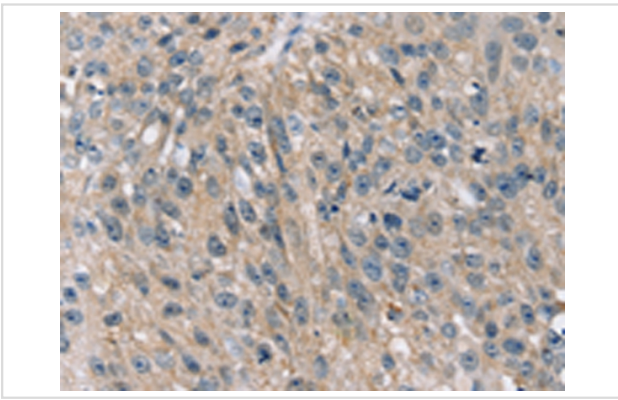
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42768 at dilution 1/45.



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #42768 at dilution 1/45.

Background

STK33 (serine/threonine kinase 33) is a 514 amino acid protein that belongs to the CaMK (calcium/calmodulin dependent kinase) subfamily of structurally related serine/threonine kinases. Widely expressed at low levels with predominant expression in testis, lung, retina and fetal organs such as brain, heart and spinal cord, STK33 contains one protein kinase domain and functions as a Ser/Thr protein kinase with a possible role in spermatogenesis. The gene encoding STK33 lies within a region on chromosome 11 that has been associated with a variety of defects, including Long QT syndrome, T-cell leukemia, Beckwith-Wiedemann syndrome, Usher syndrome 1C and various other malignancies.

Note: This product is for in vitro research use only