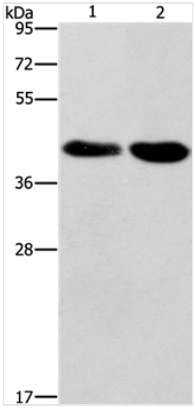
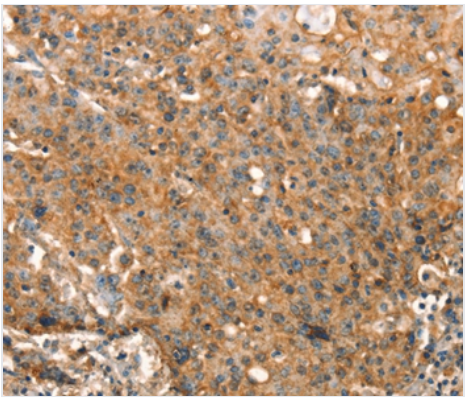
STK17A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STK17A, Polyclonal Antibody
Full Product Name	STK17A Antibody
Product Gene Name	anti-STK17A antibody
Product Synonym Names	DRAK1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	2.7 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total STK17A protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	46,558 Da
OMIM	604726
3D Structure	ModBase 3D Structure for Q9UEE5
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human serine/threonine kinase 17a
Target Name	STK17A
Product Categories/Family for anti-STK17A antibody	Total protein Ab
Applications Tested/Suitable for anti-STK17A antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-STK17A antibody	Western blotting: 1:500-1:2000 Immunohistochemistry: 1:25-1:100
Related Product Information for anti-STK17A antibody	This gene is a member of the DAP kinase-related apoptosis-inducing protein kinase family and encodes an autophosphorylated nuclear protein with a protein kinase domain. The protein has apoptosis-inducing activity.
Other Notes	Small volumes of anti-STK17A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for STK17A purchase	MBS9402844 is an antibody targeting STK17A. Also known as STK17A Antibody. Reactive in Human. Host: Rabbit.



Testing Data of anti-STK17A antibody
Gel: 10%SDS-PAGE Lysates (from left to right): Raji and 293T cell Amount of lysate: 40ug per lane Primary antibody: 1/900 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute



Immunohistochemistry (IHC) of anti-STK17A antibody
Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/25.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STK17A. It may not necessarily be applicable to this product.

NCBI GI #	109255245
NCBI GeneID	9263
NCBI Accession #	NP_004751.2
UniProt Primary Accession #	Q9UEE5
UniProt Secondary Accession #	Q8IVC8; A4D1V6
UniProt Related Accession #	Q9UEE5
GenBank Nucleotide #	NM_004760.2
NCBI Official Full Name	serine/threonine-protein kinase 17A
NCBI Official Synonym Full Names	serine/threonine kinase 17a
NCBI Official Symbol	STK17A
NCBI Official Synonym Symbols	DRAK1
UniProt Protein Name	Serine/threonine-protein kinase 17A
UniProt Synonym Protein Names	DAP kinase-related apoptosis-inducing protein kinase 1
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	STK17A
UniProt Synonym Gene Names	DRAK1
UniProt Entry Name	ST17A_HUMAN
NCBI Protein Information	serine/threonine-protein kinase 17A

UniProt Comments for STK17A	DRAK1: a calmodulin-dependent kinase of the DAPK family. Interacts with and is regulated by calcineurin homologous protein (CHP), an EF-hand Ca(2+)-binding protein. In vitro, CHP inhibits the apoptosis-inducing protein kinase DRAK2 in the presence of elevated Ca(2+) levels. Highly expressed in placenta, lung, pancreas. Lower levels in heart, brain, liver, skeletal muscle and kidney. Protein type: Protein kinase, CAMK; Kinase, protein; EC 2.7.11.1; Protein kinase, Ser/Thr (non-receptor); CAMK group; DAPK family Chromosomal Location of Human Ortholog: 7p13 Cellular Component: nucleus Molecular Function: protein serine/threonine kinase activity; ATP binding Biological Process: positive regulation of apoptosis; apoptosis; protein amino acid phosphorylation
Research Articles on STK17A	**1.** STK17A provides a proliferative and survival advantage to GBM cells
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