

STK4 Rabbit Polyclonal Antibody

Catalog No: #55405

Package Size: #55405-1 50ul #55405-2 100ul

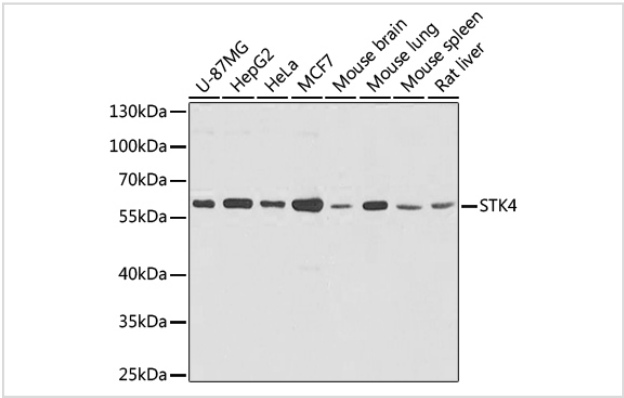
Description

Product Name	STK4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human STK4 (NP_006273.1).
Conjugates	Unconjugated
Other Names	KRS2;MST1;YSK3;STK4
Accession No.	Swiss Prot:Q13043GeneID:6789
Calculated MW	52kDa/55kDa
SDS-PAGE MW	56kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

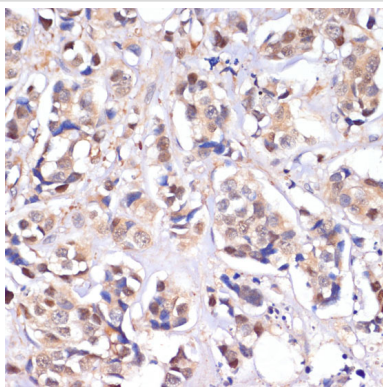
Application Details

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cells, using STK4 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human breast cancer using STK4 at dilution of 1:100 (40x lens).

Background

The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.