
Summary

Production Name	MST-3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC, WB,
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	STK24
Alternative Names	STK24; MST3; STK3; Serine/threonine-protein kinase 24; Mammalian STE20-like protein kinase 3; MST-3; STE20-like kinase MST3
Gene ID	8428.0
SwissProt ID	Q9Y6E0. The antiserum was produced against synthesized peptide derived from human STK24. AA range:319-368

Application

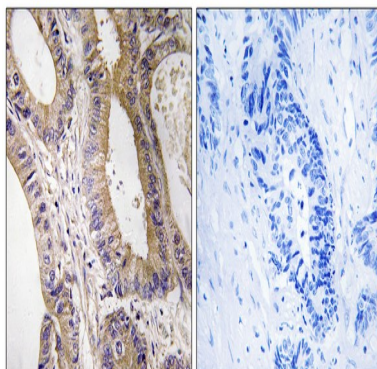
Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000..
Molecular Weight	50kD

Background

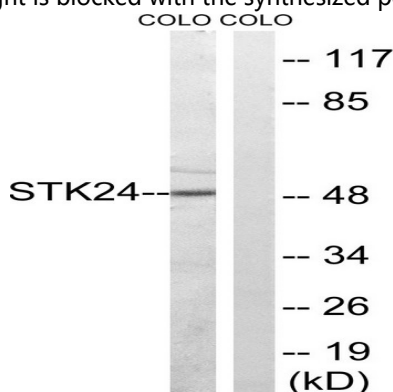
This gene encodes a serine/threonine protein kinase that functions upstream of mitogen-activated protein kinase (MAPK) signaling. The encoded protein is cleaved into two chains by caspases; the N-terminal fragment (MST3/N) translocates to the nucleus and promotes programmed cells death. There is a pseudogene for this gene on chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Manganese. Only isoform A requires manganese.,function:Protein kinase that act on both serine and threonine residues.,PTM:Autophosphorylated. Isoform B is activated by phosphorylation by PKA.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Isoform A is ubiquitous. Isoform B is expressed in brain with high expression in hippocampus and cerebral cortex.,

Research Area

Image Data

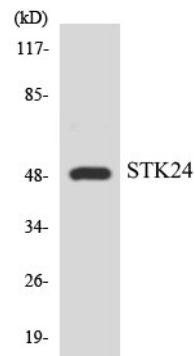


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using STK24 Antibody. The picture on the right is blocked with the synthesized peptide.

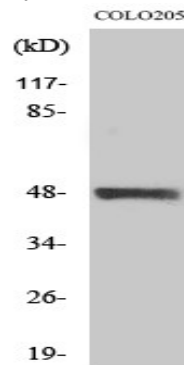


Western blot analysis of lysates from COLO cells, using STK24 Antibody. The lane on the right is blocked with the synthesized peptide.

Product Name: MST-3 Rabbit Polyclonal Antibody
Catalog #: APRab14187



Western blot analysis of the lysates from COLO205 cells using STK24 antibody.



Western Blot analysis of various cells using MST-3 Polyclonal Antibody diluted at 1 : 1000

Note

For research use only.