



MST-3 rabbit pAb

Cat No.:ES2861

For research use only

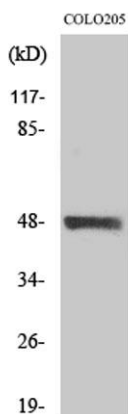
Overview

Product Name	MST-3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human STK24. AA range:319-368
Specificity	MST-3 Polyclonal Antibody detects endogenous levels of MST-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Serine/threonine-protein kinase 24
Gene Name	STK24
Cellular localization	Cytoplasm. Nucleus. Membrane. The truncated form (MST3/N) translocates to the nucleus. Colocalizes with STK38L in the membrane.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	8428
Human Swiss-Prot Number	Q9Y6E0
Alternative Names	STK24; MST3; STK3; Serine/threonine-protein kinase 24; Mammalian STE20-like protein kinase 3; MST-3; STE20-like kinase MST3
Background	This gene encodes a serine/threonine protein kinase that functions upstream of mitogen-activated



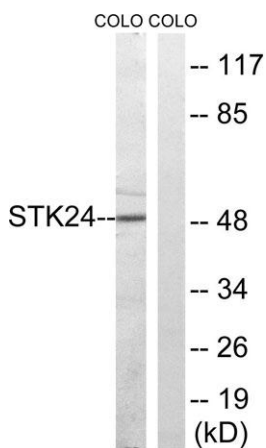
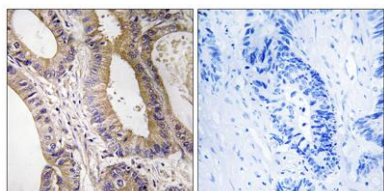


protein kinase (MAPK) signaling. The encoded protein is cleaved into two chains by caspases; the N-terminal fragment (MST3/N) translocates to the nucleus and promotes programmed cells death. There is a pseudogene for this gene on chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013],



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

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

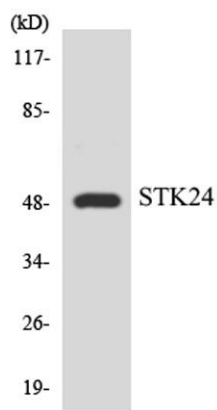


Western blot analysis of lysates from COLO cells, using STK24 Antibody. The lane on the right is blocked with the synthesized peptide.





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



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