



Krs-1/2 rabbit pAb

Cat No.:ES7305

For research use only

Overview

Product Name	Krs-1/2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Mst1/2. AA range:149-198
Specificity	Krs-1/2 Polyclonal Antibody detects endogenous levels of Krs-1/2 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 3/4
Gene Name	STK3/STK4
Cellular localization	Cytoplasm . Nucleus . The caspase-cleaved form cycles between nucleus and cytoplasm (PubMed:19525978, PubMed:11278283). Phosphorylation at Thr-117 leads to inhibition of nuclear translocation (PubMed:19525978) .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	56kD
Human Gene ID	6788/6789
Human Swiss-Prot Number	Q13188/Q13043
Alternative Names	STK3; KRS1; MST2; Serine/threonine-protein kinase 3; Mammalian STE20-like protein kinase 2; MST-2; STE20-like kinase MST2; Serine/threonine-protein





Background

kinase Krs-1; STK4; KRS2; MST1;
Serine/threonine-protein kinase 4; Mammalian
STE20-like prot
serine/threonine kinase 3(STK3) Homo sapiens
This gene encodes a serine/threonine protein kinase
activated by proapoptotic molecules indicating the
encoded protein functions as a growth suppressor.
Cleavage of the protein product by caspase removes
the inhibitory C-terminal portion. The N-terminal
portion is transported to the nucleus where it
homodimerizes to form the active kinase which
promotes the condensation of chromatin during
apoptosis. Multiple transcript variants encoding
different isoforms have been found for this gene.
[provided by RefSeq, Jan 2012],

Immunohistochemistry analysis of paraffin-embedded
human brain tissue, using Mst1/2 Antibody. The picture
on the right is blocked with the synthesized peptide.

