BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Krs-1/2(Phospho Thr183) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10750
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Mst1/2 around the phosphorylation site of Thr183. AA range:149-198
Mol wt	56301;55630
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase 3/4
Synonyms	Serine/threonine-protein kinase 3/4; STK3; KRS1; MST2; Serine/threonine-protein kinase 3; Mammalian STE20-like protein kinase 2; MST-2; STE20-like kinase MST2; Serine/threonine-protein kinase Krs-1; STK4; KRS2; MST1; Serine/threonine-protein kinase 4; Mammalian STE20-like prot

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

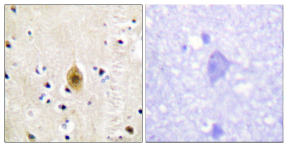
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

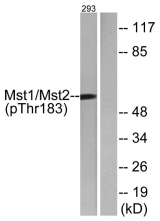
ELISA: 1: 40000

Not yet tested in other applications.

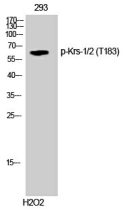
Images



Immunohistochemistry analysis of paraffin-embedded human brain, using Mst1/2 (Phospho-Thr183) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of 293 cells using Phospho-Krs-1/2 (T183) Polyclonal Antibody



Western blot analysis of lysates from 293 cells treated with H2O2 100uM 15', using Mst1/2 (Phospho-Thr183) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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