

## Krs-1/2(Phospho Thr183) Polyclonal Antibody

### Description

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

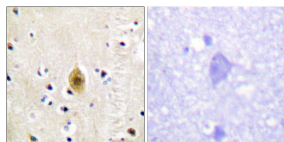
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

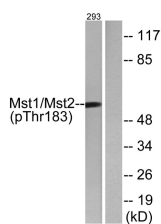
ELISA: 1: 40000

Not yet tested in other applications.

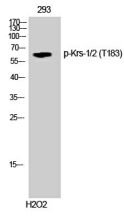
### Images



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 H<sub>2</sub>O<sub>2</sub> 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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