

## ASK1(Phospho Thr838) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06104
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human ASK1 (Phospho Thr838)
<b>Mol wt</b>	151140
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ASK1
<b>Synonyms</b>	ASK1 ;Phospho Thr838; Mitogen-activated protein kinase kinase kinase 5; EC 2.7.11.25; Apoptosis signal-regulating kinase 1; ASK-1; MAPK/ERK kinase kinase 5; MEK kinase 5; MEKK 5

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

### Background

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.[cofactor:Magnesium].[enzyme regulation:Contains an N-terminal autoinhibitory domain. Activated by phosphorylation at Thr-838| inhibited by phosphorylation at Ser-966 and Ser-1033. Binds to] and stabilizes MAP3K6 and is activated by MAP3K6 by phosphorylation on Thr-838.[Component of a protein kinase signal transduction cascade. Phosphorylates and activates MAP2K4 and MAP2K6| which in turn activate the JNK and p38 MAP kinases| respectively. Overexpression induces apoptotic cell death.[induction:By TNF-alpha. Inhibited by HIV-1 Nef.[Belongs to the protein kinase superfamily.[Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.[Contains 1 protein kinase domain.[subunit:Homodimer when inactive. Binds both upstream activators and downstream substrates in multimolecular complexes. Associates with and inhibited by HIV-1 Nef. Interacts with DAB2IP and PPM1L.[tissue specificity:Abundantly expressed in heart and pancreas.]

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year