BT LAB
Bioassay Technology Laboratory

Optimize Your Research

ASK1(Phospho Thr838) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06104
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human ASK1 (Phospho Thr838)
Mol wt	151140
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ASK1
Synonyms	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

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