ASK1 (Phospho Thr838) Rabbit pAb

CatalogNo: YP1585

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,ELISA

MW
- 155kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000
ELISA 1:5000-20000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human ASK1 (Phospho Thr838)
Specificity	This antibody detects endogenous levels of Human ASK1 (Phospho Thr838).The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):TEtFT

Target Information

Gene name MAP3K5 ASK1 MAPKKK5 MEKK5

Protein Name ASK1 (Phospho Thr838)

Organism	Gene ID	UniProt ID
Human	4217;	Q99683;
Mouse	26408;	O35099;

Cellular Localization Cytoplasm . Endoplasmic reticulum. Interaction with 14-3-3 proteins alters the distribution of MAP3K5/ASK1 and restricts it to the perinuclear endoplasmic reticulum region.

Tissue specificity Abundantly expressed in heart and pancreas.

Function MAPKKK cascade, activation of MAPK activity, regulation of protein amino acid phosphorylation, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, apoptosis, induction of apoptosis,intracellular signaling cascade, protein kinase cascade, JNK cascade, activation of JUN kinase activity, cell death,induction of apoptosis by extracellular signals, regulation of protein kinase cascade, regulation of cell death, positive regulation of cell death, programmed cell death, induction of programmed cell death, death, phosphorylation,regulation of phosphate metabolic process, stress-activated protein kinase signaling pathway, regulation of protein modification process, regulation of cellular protein metabolic process, cellular response to stress, positive regulation of kinase activity, regulation of phosphorylation, regulation of apoptosis, positive regulation of apoptosis, regulation of programmed cell death, positive regulation of programmed cell death, positive regulation of catalytic activity,regulation of MAP kinase activity, positive regulation of MAP kinase activity, regulation of MAPKKK cascade, regulation of JUN kinase activity, positive regulation of JUN kinase activity, regulation of kinase activity, positive regulation of molecular function, regulation of protein kinase activity, positive regulation of protein kinase activity, regulation of JNK cascade, regulation of phosphorus metabolic process, regulation of transferase activity, positive regulation of transferase activity, regulation of stress-activated protein kinase signaling pathway, regulation of cellular response to stress,

Validation Data

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