Anti-Phospho-MAP3K5 (Thr845) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108666

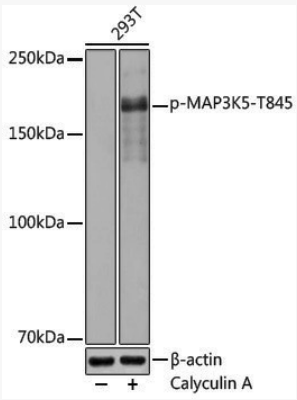
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1000~1:6000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around T845 of mouse MAP3K5 (NP_032606.4).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-MAP3K5 (Thr845) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ASK; ASK1; Mekk5; MAPKKK5; 7420452D20Rik; Phospho-MAP3K5-T845.
Calculated MW	Calculated MW: 155 kDa; Observed MW: 155 kDa
Uniprot ID	O35099
Gene ID	26408
Background	Enables MAP kinase kinase kinase activity and protein kinase binding activity. Involved in several processes, including intrinsic apoptotic signaling pathway in response to endoplasmic reticulum stress; positive regulation of JNK cascade; and positive regulation of cell death. Acts upstream of or within several processes, including cellular response to reactive nitrogen species; intracellular signal transduction; and positive regulation of MAPK cascade. Predicted to be located in cytoplasm. Predicted to be part of IRE1-TRAF2-ASK1 complex and protein kinase complex. Is expressed in several structures, including alimentary system; branchial arch; central nervous system; heart; and sensory organ. Human ortholog(s) of this gene implicated in Huntington's disease. Orthologous to human MAP3K5 (mitogen-activated protein kinase kinase kinase 5).

Validation Images



Western blot analysis of lysates from 293T cells, using Phospho-MAP3K5-T845 Rabbit pAb (P108666) at 1:1,000 dilution. 293T cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1s.