
MAPK15/ERK8 Rabbit pAb

Catalog Number: bs-18669R

Target Protein: MAPK15/ERK8

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Dog, Horse)

Predicted MW: 60 kDa

Entrez Gene: 225689

Swiss Prot: Q8TD08

Source: KLH conjugated synthetic peptide derived from human MAPK15/ERK8: 1-100/544.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: MAPK15 is a 544 amino acid protein that belongs to the CMGC Ser/Thr protein kinase family (MAP kinase subfamily). MAP kinases play a significant role in many biological processes, including cell adhesion and spreading, cell differentiation and apoptosis. MAPK15 functions as a catalytic kinase using ATP to produce ADP and a phosphoprotein. A TXY motif, containing one threonine and one tyrosine residue, activates the MAP kinases upon phosphorylation. MAPK15 is a ubiquitously expressed protein with highest expression found in lung and kidney.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.5] Chengjie Wu. et al. Inhibition of HDAC6 promotes microvascular endothelial cells to phagocytize myelin debris and reduces inflammatory response to accelerate the repair of spinal cord injury. CNS NEUROSCI THER. 2023 Aug;; IF ; Mouse . 37641882