
Product Name: TAOK1 Rabbit Monoclonal Antibody**Catalog #: AMRe84071**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.59mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	116 kDa

Antigen Information

Gene Name	TAOK1
Alternative Names	hKB; MAP3K16; MARK kinase; MARKK; PSK2; STE20 like kinase; Taok1;;TAOK1
Gene ID	
SwissProt ID	Q7L7X3
Immunogen	A synthesized peptide derived from human TAOK1

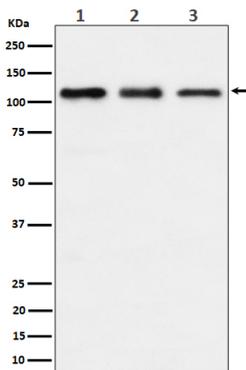
Background

Serine/threonine-protein kinase involved in various processes such as p38/MAPK14 stress-activated MAPK cascade, DNA damage response and regulation of cytoskeleton stability. Phosphorylates MAP2K3, MAP2K6 and MARK2. Acts as an activator

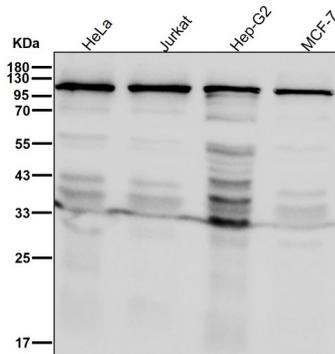
of the p38/MAPK14 stress-activated MAPK cascade by mediating phosphorylation and subsequent activation of the upstream MAP2K3 and MAP2K6 kinases. Involved in G-protein coupled receptor signaling to p38/MAPK14.

Research Area

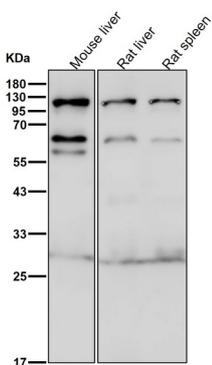
Image Data



Western blot analysis of TAOK1 expression in (1) HeLa cell lysate; (2) RAW 264.7 cell lysate; (3) C6 cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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