

Phospho-TAOK1/2/3 (Ser181/Ser181/Ser177) Rabbit mAb

Catalog # AP76369

Product Information

Application	WB, IHC-P
Primary Accession	Q7L7X3/Q9H2K8/Q9UL54
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	116 KDa

Additional Information

Other Names	TAOK1/TAOK2/TAOK3
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

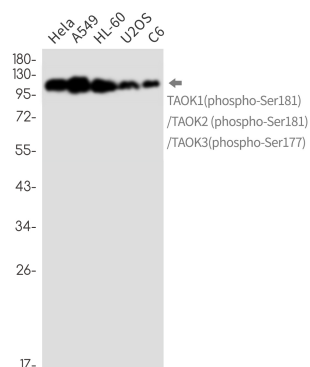
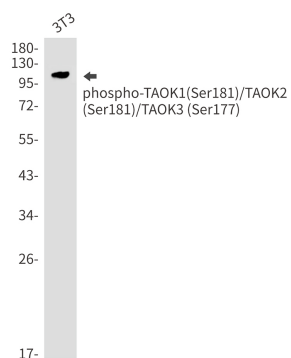
Protein Information

Background

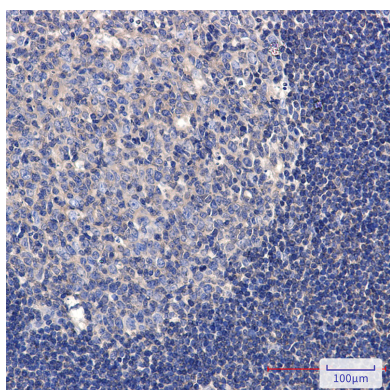
Serine/threonine-protein kinase involved in various processes such as p38/MAPK14 stress-activated MAPK cascade, DNA damage response and regulation of cytoskeleton stability. Phosphorylates MAP2K3, MAP2K6 and MARK2. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade by mediating phosphorylation and subsequent activation of the upstream MAP2K3 and MAP2K6 kinases. Involved in G-protein coupled receptor signaling to p38/MAPK14. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of MAP2K3 and MAP2K6.

Images

Western blot analysis of Phospho-TAOK1(Ser181)/TAOK2 (Ser181)/TAOK3 (Ser177) in 3T3 lysates using Phospho-TAOK1/2/3 (Ser181/Ser181/Ser177) antibody.



Western blot analysis of TAOK1 (Phospho-Ser181)/TAOK2 (Phospho-Ser181)/TAOK3 (Phospho-Ser177) in HeLa, A549, HL-60, U2OS, C6 lysates using TAOK1 (Phospho-Ser181)/TAOK2 (Phospho-Ser181)/TAOK3 (Phospho-Ser177) antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using TAOK1 (Phospho-Ser181)/TAOK2 (Phospho-Ser181)/TAOK3 (Phospho-Ser177) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.