

bsm-62737R**[Primary Antibody]****BioSS**
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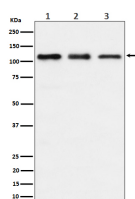
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

TAOK1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-1:2000)
Clonality: Recombinant		Reactivity: Human, Mouse, Rat
GeneID: 57551	SWISS: Q7L7X3	
Target: TAOK1		
Immunogen: A synthesized peptide derived from human TAOK1: 951-985.		Predicted MW.: 116
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
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.		

— VALIDATION IMAGES —

Western blot analysis of (1) HeLa cell lysate; (2) RAW264.7 cell lysate; (3) C6 cell lysate. Using TAOK1 (bsm-62737R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.