

bsm-54505R**[Primary Antibody]**

phospho-GSK3 Alpha + Beta (Tyr279+Tyr216) Recombinant Rabbit mAb

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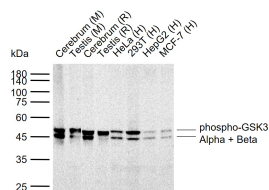
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DATASHEET

Host: Rabbit Clonality: Recombinant GeneID: 2932 Target: GSK3 Alpha + Beta (Tyr279+Tyr216)	Isotype: IgG CloneNo.: 5G8 SWISS: P49841	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200)
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat
Concentration: 1mg/ml		
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.		Predicted MW.: 47/51 kDa
Background: The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Mouse Testis tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Testis tissue lysates
 Lane 5: Human HeLa cell lysates Lane 6: Human 293T cell lysates Lane 7: Human HepG2 cell lysates Lane 8: Human MCF-7 cell lysates
 Primary: Anti-phospho-GSK3 Alpha + Beta (Tyr279+Tyr216) (bsm-54505R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47/51 kDa
 Observed band size: 47,51 kDa