

bs-5392R**[Primary Antibody]****phospho-HOMER3 (Thr36) Rabbit pAb****Bioss**
ANTIBODIES

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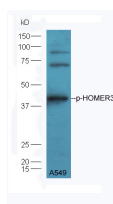
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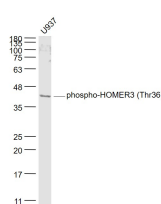
400-901-9800

— DATASHEET —

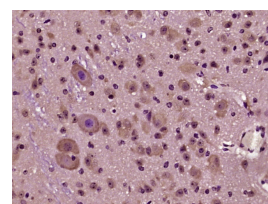
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Chicken, Dog) Predicted MW.: 40 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 9454	SWISS: Q9NSC5	
Target: HOMER3 (Thr36)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human HOMER3 around the phosphorylation site of Thr36: AL(p-T)VS.		
Purification: affinity purified by Protein A		
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.		
Background: This gene encodes a member of the HOMER family of postsynaptic density scaffolding proteins that share a similar domain structure consisting of an N-terminal Enabled/vasodilator-stimulated phosphoprotein homology 1 domain which mediates protein-protein interactions, and a carboxy-terminal coiled-coil domain and two leucine zipper motifs that are involved in self-oligomerization. The encoded protein binds numerous other proteins including group I metabotropic glutamate receptors, inositol 1,4,5-trisphosphate receptors and amyloid precursor proteins and has been implicated in diverse biological functions such as neuronal signaling, T-cell activation and trafficking of amyloid beta peptides. Alternative splicing results in multiple transcript variants.		

— VALIDATION IMAGES —

Sample: A549 Cell (Human) Lysate at 40 ug
Primary: Anti- phospho-HOMER3 (Thr36)
(bs-5392R) at 1/300 dilution Secondary: HRP
conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP)
at 1/5000 dilution Predicted band size: 40 kD
Observed band size: 40 kD



Sample: U937(Human) Cell Lysate at 30 ug
Primary: Anti- phospho-HOMER3 (Thr36)
(bs-5392R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 40 kD Observed
band size: 40 kD



Paraformaldehyde-fixed, paraffin embedded
(mouse cerebellum); Antigen retrieval by boiling
in sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (HOMER3 (Thr36)) Polyclonal
Antibody, Unconjugated (bs-5392R) at 1:400
overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.