

bs-0242R**[Primary Antibody]****BAIAP2 Rabbit pAb****BioSS**
ANTIBODIES

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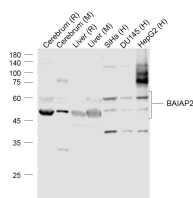
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 10458 Target: BAIAP2 Immunogen: KLH conjugated synthetic peptide derived from human IRS P53: 151-250/552. 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: The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This interaction at the cytoplasmic membrane is crucial to the function of this protein, which may be involved in neuronal growth-cone guidance. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. Alternative splicing of the end of this gene results in three products of undetermined function.	Isotype: IgG SWISS: Q9UQB8 Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat Predicted MW.: 61 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Lane 1: Cerebrum (Rat) Lysate at 40 ug
Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane
3: Liver (Rat) Lysate at 40 ug Lane 4: Liver
(Mouse) Lysate at 40 ug Lane 5: SiHa (Human)
Cell Lysate at 30 ug Lane 6: DU145 (Human) Cell
Lysate at 30 ug Lane 7: HepG2 (Human) Cell
Lysate at 30 ug Primary: Anti-BAIAP2 (bs-0242R)
at 1/500 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 58' 53 kD Observed band size: 58' 53
kD