

bs-3329R**[Primary Antibody]****BioSS**
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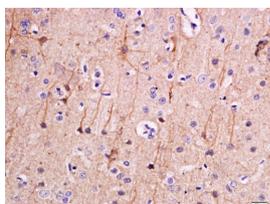
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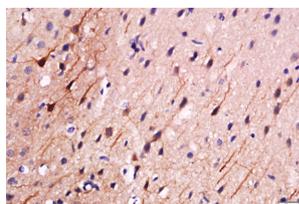
400-901-9800

phospho-PEA15 (Ser116) Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 8682	SWISS: Q15121	Reactivity: Rat (predicted: Human, Mouse, Rabbit, Cow, Dog)
Target: PEA15 (Ser116)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PEA15 around the phosphorylation site of Ser116: QP(p-S)EE.		Predicted MW.: 15 kDa
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
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: PED/PEA 15 (Phosphoprotein Enriched in Diabetes/Phosphoprotein Enriched in Astrocytes 15 kDa) is a widely expressed 15 kDa protein comprised of an N terminal region containing a canonical Death Effector Domain (DED) sequence and a nuclear export signal, and a C terminal region containing two serine phosphorylation sites. PED/PEA 15 has been implicated in the regulation of multiple cellular processes including apoptosis, integrin activation, and insulin sensitive glucose transport in insulin responsive cells. Phosphorylation of both serine 104 (a Protein Kinase C site) and serine 116 (a substrate of CaMKII and Akt) is required for PED/PEA 15 function.		

— VALIDATION IMAGES —

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-PEA15(Ser116) Polyclonal Antibody, Unconjugated(bs-3329R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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