

bs-5165R**[Primary Antibody]****phospho-APBB1 (Ser175) Rabbit pAb****Bioss**
ANTIBODIES

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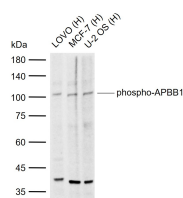
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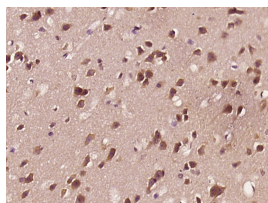
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 322	SWISS: O00213	IHC-F (1:100-500)
Target: APBB1 (Ser175)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human APBB1 around the phosphorylation site of Ser175: LS(p-S)PP.		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 77 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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 is a member of the Fe65 protein family. It is an adaptor protein localized in the nucleus. It interacts with the Alzheimer's disease amyloid precursor protein (APP), transcription factor CP2/LSF/LBP1 and the low-density lipoprotein receptor-related protein. APP functions as a cytosolic anchoring site that can prevent the gene product's nuclear translocation. This encoded protein could play an important role in the pathogenesis of Alzheimer's disease. It is thought to regulate transcription. Also it is observed to block cell cycle progression by downregulating thymidylate synthase expression. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.		

— VALIDATION IMAGES —

Sample: Lane 1: Human LOVO cell lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human U-2 OS cell lysates
 Primary: Anti-phospho-APBB1 (Ser175) (bs-5165R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 77 kDa
 Observed band size: 101 kDa



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (APBB 1) Polyclonal Antibody, Unconjugated (bs-5165R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.