

bs-4127R**[Primary Antibody]****Bioss**
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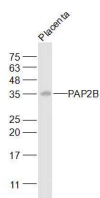
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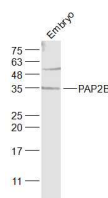
400-901-9800

PAP2B Rabbit pAb**— DATASHEET —**

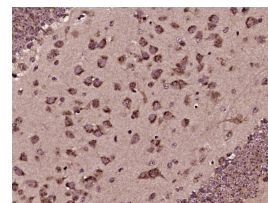
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Pig, Cow, Dog, Horse) Predicted MW.: 34 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 8613	SWISS: O14495	
Target: PAP2B		
Immunogen: KLH conjugated synthetic peptide derived from human PAP2B: 241-311/311.		
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: Phosphatidic acid phosphatase type 2b (PPAP2b) is a member of the phosphatidic acid phosphatase (PAP) family that function in de novo synthesis of glycerolipids as well as in receptor activated signal transduction mediated by phospholipase D. PAP2b catalyzes the conversion of phosphatidic acid to diacylglycerol and hydrolyzes lysophosphatidic acid, ceramide-1-phosphate and sphingosine-1-phosphate. It is a homodimer glycoprotein localized at the cell plasma membrane. Expression promotes adhesion, spreading, and tyrosine phosphorylation of Fak, Shc, Cas and paxillin in endothelial cells. PAP2b induced cell-cell interactions regulate specific intracellular signaling pathways that involve p120-catenin, Fak, Akt, and GSK3? protein kinases.		

— VALIDATION IMAGES —

Sample: Placenta (Mouse) Lysate at 40 ug
 Primary: Anti-PAP2B (bs-4127R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 34 kD Observed band size: 35 kD



Sample: Embryo (Mouse) Lysate at 40 ug
 Primary: Anti-PAP2B (bs-4127R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 34 kD Observed band size: 35 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (PAP2B) Polyclonal Antibody, Unconjugated (bs-4127R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.