

bs-0451R**[Primary Antibody]****BioSS**
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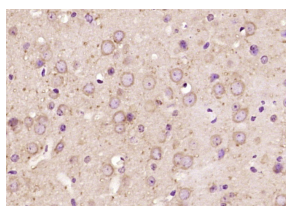
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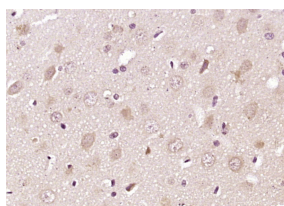
400-901-9800

PIP5KL1 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: 138429	SWISS: Q5T9C9	
Target: PIP5KL1		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human PIP5KL1: 101-220/394.		
Purification: affinity purified by Protein A		Predicted MW.: 45 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,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: PIPKH, also known as PIP5KL1 (phosphatidylinositol-4-phosphate 5-kinase-like 1), is a 394 amino acid phosphoinositide kinase-like protein that contains one PIPK domain. Although PIPKH lacks intrinsic lipid kinase activity, it associates with type I PIPKs and may play a role in localization of PIPK activity. Encoded by a gene that maps to human chromosome 9q34.11, PIPKH localizes to cytoplasm, specifically to large cytoplasmic vesicular structures, and exists as two alternatively spliced isoforms. Highly expressed in brain and testis, PIPKH is also expressed at very low levels in heart, spleen, lung, liver, skeletal muscle and kidney. PIPKH heterodimerizes with other type I phosphatidylinositol-4-phosphate 5-kinases, and may function as a scaffold to localize and regulate kinases to specific cell compartments. Overexpression of PIPKH may suppress cell proliferation and migration in human gastric cancer cells and may also inhibit cervical cancer formation.		

— VALIDATION IMAGES —

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 (PIP5KL1) Polyclonal Antibody, Unconjugated (bs-0451R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat 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 (PIP5KL1) Polyclonal Antibody, Unconjugated (bs-0451R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.