

产品名称: Fish Rabbit Polyclonal Antibody
产品货号: AP Rab10993



产品概述 (Summary)

产品名称 (Production Name)	Fish Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SH3PXD2A SH3PXD2A; FISH; KIAA0418; SH3MD1; TKS5; SH3 and PX domain-containing protein 2A; Adapter protein TKS5; Five SH3 domain-containing protein; SH3 multiple domains protein 1; Tyrosine kinase substrate with five SH3 domains
别名 (Alternative Names)	
基因 ID (Gene ID)	9644.0
蛋白 ID (SwissProt ID)	Q5TCZ1.Synthesized peptide derived from the N-terminal region of human Fish.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ICC/IF 1:100-1:500,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

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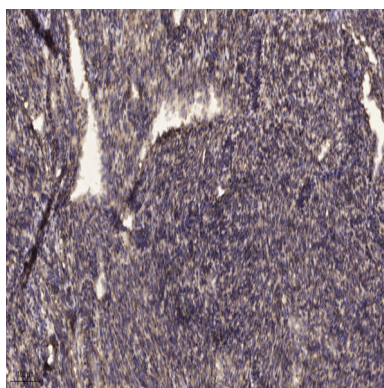
研究背景 (Background)

domain:The fifth SH3 domain mediates binding with ADAM12, ADAM15 and ADAM19.,domain:The PX domain is required for podosome localization, and for binding phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2).,function:Required for podosome formation, degradation of the extracellular matrix, and for the invasiveness of some cancer cells. Binds phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2). In association with ADAM12, mediates the neurotoxic effect of beta-amyloid peptide.,PTM:Tyrosine phosphorylated by SRC. Phosphorylation plays a regulatory role in the protein localization. The intramolecular interaction of the PX domain with the third SH3 domain maintains the protein in the cytoplasm and phosphorylation disrupts this interaction, resulting in the redistribution of the protein from cytoplasm to the perimembrane region. Phosphorylated on serine upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SH3PXD2 family.,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 5 SH3 domains.,subcellular location:Cytoplasmic in normal cells and localizes to podosomes in SRC-transformed cells.,subunit:Interacts with ADAM12, ADAM15 and ADAM19.,tissue specificity:Found in several cancer cell lines, particularly invasive breast carcinomas and melanomas.,domain:The fifth SH3 domain mediates binding with ADAM12, ADAM15 and ADAM19.,domain:The PX domain is required for podosome localization, and for binding phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2).,function:Required for podosome formation, degradation of the extracellular matrix, and for the invasiveness of some cancer cells. Binds phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2). In association with ADAM12, mediates the neurotoxic effect of beta-amyloid peptide.,PTM:Tyrosine phosphorylated by SRC. Phosphorylation plays a regulatory role in the protein localization. The intramolecular interaction of the PX domain with the third SH3 domain maintains the protein in the cytoplasm and phosphorylation disrupts this interaction, resulting in the redistribution of the protein from cytoplasm to the perimembrane region. Phosphorylated on serine upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SH3PXD2 family.,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 5 SH3 domains.,subcellular location:Cytoplasmic in normal cells and localizes to podosomes in SRC-transformed cells.,subunit:Interacts with ADAM12, ADAM15 and ADAM19.,tissue specificity:Found in several cancer cell lines, particularly invasive breast carcinomas and melanomas.,

研究领域 (Research Area)

图片 (Image Data)

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Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .