

Fish rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14595	Rabbit	1 mg/ml	125289
Applications	IHC,WB,ELISA		
Reactivity	Human,Mouse		
Dilution	WB 1:500-2000 IHC: 1:100 - 1:300. ELISA: 1:5000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Fish Polyclonal Antibody detects endogenous levels of Fish protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthesized peptide derived from the N-terminal region of human Fish.		
Uniprot No	Q5TCZ1		
Alternative names	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		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>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.,</p>		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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