

Product Name: Fish Rabbit Polyclonal Antibody
Catalog #: APRab10993



Summary

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|------------------------|---------------------------------|
| Production Name | Fish Rabbit Polyclonal Antibody |
| Description | Rabbit Polyclonal Antibody |
| Host | Rabbit |
| Application | IHC,ELISA |
| Reactivity | Human,Mouse |

Performance

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|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N. |
| Purification | Affinity purification |

Immunogen

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

Application

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|-------------------------|----------------------------------|
| Dilution Ratio | IHC 1:100-500;ELISA 1:5000-20000 |
| Molecular Weight | |

Background

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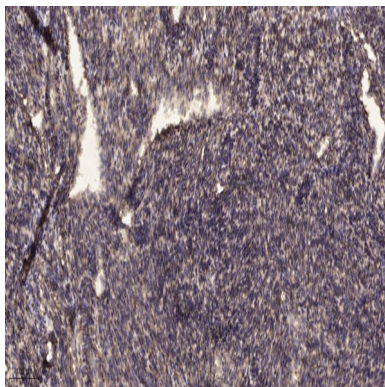


domain: The fifth SH3 domain mediates binding with ADAM12, ADAM15 and ADAM19., domain: The PX domain is required for podosome localization, and for binding phosphatidylinositol 3-phosphate (PtdIns(3)P) and phosphatidylinositol 3,4-biphosphate (PtdIns(3,4)P2)., function: Required for podosome formation, 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.,

Research Area

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) .

Note

For research use only.