

FISH Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54577**Specification**

FISH Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q5TCZ1
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	125289

FISH Polyclonal Antibody - Additional Information**Gene ID** 9644**Other Names**

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, SH3PXD2A, FISH, KIAA0418, SH3MD1, TKS5

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

FISH Polyclonal Antibody - Protein Information**Name** SH3PXD2A**Synonyms** FISH, KIAA0418, SH3MD1, TKS5**Function**

Adapter protein involved in invadopodia and podosome formation, extracellular matrix degradation and invasiveness of some cancer cells. Binds matrix metalloproteinases (ADAMs), NADPH oxidases (NOXs) and phosphoinositides. Acts as an organizer protein that allows NOX1- or NOX3-dependent reactive oxygen species (ROS) generation and ROS localization. In association with ADAM12, mediates the neurotoxic effect of amyloid-beta peptide.

Cellular Location

Cytoplasm. Cell projection, podosome. Note=Cytoplasmic in normal cells and localizes to podosomes in SRC- transformed cells

Tissue Location

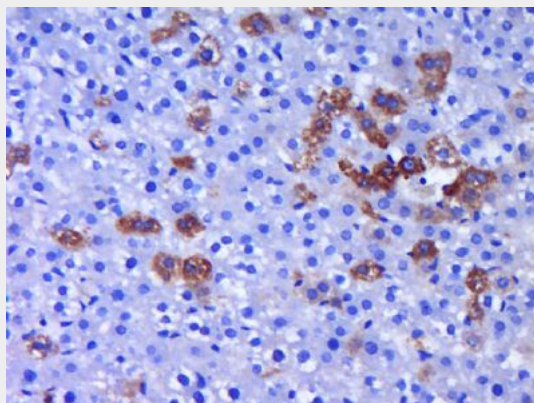
Found in several cancer cell lines, particularly invasive breast carcinomas and melanomas

FISH Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FISH Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (FISH) Polyclonal Antibody, Unconjugated (bs-11645R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.