# Rabbit anti-Mouse; Rat FNIP1 Polyclonal Antibody | anti-FNIP1 antibody

FNIP1 Antibody: PerCP

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA253857** | **Rabbit** | **Mouse; Rat** | **Immunofluorescence, Immunocytochemistry, Western Blot** |

## PRODUCT SYNONYMS

FNIP1; Polyclonal Antibody; FNIP1 Antibody: PerCP; Rabbit Anti-Human FNIP1 Polyclonal; FNIP1 Antibody; Folliculin-interacting protein 1 Antibody; Folliculin interacting protein 1 Antibody; KIAA1961 Antibody; anti-FNIP1 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Mouse; Rat |
| **Clonality** | Polyclonal |
| **Specificity** | Detects ~130 kDa. |
| **Purity/Purification** | Peptide Affinity Purified |
| **Concentration** | 1 mg/ml (varies by lot) |
| **Sequence Length** | 1138 |
| **Applicable Applications for anti-FNIP1 antibody** | IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot) |
| **Target** | FNIP1 |
| **Immunogen** | Synthetic peptide from the mid-protein of Human FNIP1 |
| **Immunogen Species** | Human |
| **Cellular Localization** | Cytoplasm |
| **Conjugate** | PerCP |
| **Storage Buffer** | PBS, 50% glycerol, 0.09% sodium azide |
| **Tissue Specificity** | Strong expression is found in the heart, liver placenta, muscle, nasal mucosa, salivary gland and uvula and moderate expression in kidney and lung. Higher levels detected in clear cell renal cell carcinoma (RCC) and chromophobe RCC than in normal kidney tissue. |
| **Preparation and Storage** | Store at -20 degree C. |

## IMAGES

**WB (Western Blot)**
Western blot analysis of Mouse, Rat Kidney showing detection of ~131 kDa FNIP1 protein using Rabbit Anti-FNIP1 Polyclonal Antibody (SPC-718). Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Kidney cell lysates. Lane 3: Rat Kidney cell lysates. Load: 20 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-FNIP1 Polyclonal Antibody (SPC-718) at 1:1000 for 16 hours at 4 degree C. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~131 kDa.

**ICC (Immunocytochemistry)**
Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-FNIP1 Polyclonal Antibody (SPC-718). Tissue: C2C12 Cells (Mouse Myoblast cell line). Species: Mouse. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-FNIP1 Polyclonal Antibody (SPC-718) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm . Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) FNIP1 Antibody (D) Composite.

## ADDITIONAL INFORMATION

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|---|---|
| **Product Categories/Family for anti-FNIP1 antibody** | Antibodies; Cancer; Cell Cycle; mTOR Pathway; Cancer; Autophagy |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 120953264 |
| **NCBI GeneID** | 96459 |
| **NCBI Accession #** | NP_001008738.2 |
| **NCBI GenBank Nucleotide #** | NM_001008738.2 |
| **UniProt Accession #** | Q8TF40; Q86T47; Q9BUT0; D6RJH5 |
| **Molecular Weight** | 127,444 Da |
| **NCBI Official Full Name** | folliculin-interacting protein 1 isoform 2 |
| **NCBI Official Synonym Full Names** | folliculin interacting protein 1 |
| **NCBI Official Symbol** | FNIP1 |
| **NCBI Protein Information** | folliculin-interacting protein 1 |
| **UniProt Protein Name** | Folliculin-interacting protein 1 |
| **UniProt Gene Name** | **FNIP1** |
| **UniProt Synonym Gene Names** | KIAA1961 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/fnip1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/253857