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

FNIP1 Antibody: ATTO 594

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA253853	**Rabbit**	**Mouse; Rat**	**Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

FNIP1; Polyclonal Antibody; FNIP1 Antibody: ATTO 594; Rabbit Anti-Human FNIP1 Polyclonal; FNIP1 Antibody; Folliculin-interacting protein 1 Antibody; Folliculin interacting protein 1 Antibody; KIAA1961 Antibody; anti-FNIP1 antibody

PRODUCT SPECIFICATIONS

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	ATTO 594
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

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

NCBI AND UNIPROT INFORMATION

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/253853