# antibodies -online.com







# anti-AKTIP antibody (AA 1-292)

2 Images



Go to Product page

#### Overview

Quantity:	100 μg
Target:	AKTIP
Binding Specificity:	AA 1-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKTIP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

#### **Product Details**

Immunogen:	Recombinant Human AKT-interacting protein (1-292AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	AKTIP
Alternative Name:	AKTIP (AKTIP Products)
Background:	Background: Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex
	may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein

# **Target Details**

sorting complex (the HOPS complex). Regulates apoptosis by enhancing phosphorylation and activation of AKT1. Increases release of TNFSF6 via the AKT1/GSK3B/NFATC1 signaling cascade.

Aliases: AKT interacting protein antibody, AKT-interacting protein antibody, AKTIP antibody, AKTIP\_HUMAN antibody, FT 1 antibody, FT1 antibody, Fused toes homolog antibody, Fused toes protein homolog antibody

UniProt:

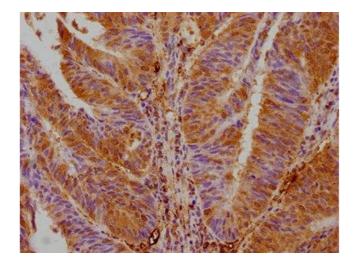
Q9H8T0

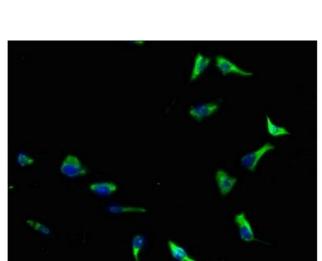
# **Application Details**

Application Notes:	Recommended dilution: IHC:1:500-1:1000, IF:1:50-1:200,
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





#### **Immunohistochemistry**

Image 1. IHC image of ABIN7143610 diluted at 1:700 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### **Immunofluorescence**

**Image 2.** Immunofluorescence staining of SH-SY5Y cells with ABIN7143610 at 1:140, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).