

Datasheet for ABIN1697042

anti-AKTIP antibody (AA 201-292) (AbBy Fluor® 555)



[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | AKTIP |
| Binding Specificity: | AA 201-292 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AKTIP antibody is conjugated to AbBy Fluor® 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human FTS/AKTIP |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | AKTIP |
| Alternative Name: | FTS/AKTIP (AKTIP Products) |

Target Details

Background: Synonyms: AKT interacting protein, AKT-interacting protein, AKTIP, AKTIP_HUMAN, FT 1, FT1, Fused toes homolog, Fused toes protein homolog.

Background: Fused toes protein homolog (FTS), also known as AKT-interacting protein (AKTIP) and Ft1, is a 292 amino acid protein that localizes to the cytoplasm and the cell membrane. A member of the ubiquitin-conjugating enzyme family, FTS binds directly to AKT1 to regulate apoptosis in a cell population. AKT1 is a protein that plays a critical role in a number of cellular responses, such as cell growth, protein synthesis, and antiapoptotic signaling. The interaction of FTS and AKT1 enhances the phosphorylation and activation of AKT1, which, through an AKT1/GSK-3/NFATc1 signaling cascade, results in the increased production of the proapoptotic hormone Fas ligand and thus an increase in apoptosis.

Gene ID: 64400

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months