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Datasheet for ABIN5002938

## anti-AKTIP antibody (AA 201-292) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	AKTIP
Binding Specificity:	AA 201-292
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKTIP antibody is conjugated to Alexa Fluor 750
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 ( <a href="#">AKTIP Products</a> )

## Target Details

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Background:	<p>Synonyms: AKT interacting protein, AKT-interacting protein, AKTIP, AKTIP_HUMAN, FT 1, FT1, Fused toes homolog, Fused toes protein homolog.</p> <p>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.</p>
Gene ID:	64400

## Application Details

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Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

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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