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Datasheet for ABIN1714168 anti-AKTIP antibody (AA 201-292)

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Overview

Quantity:	100 μL
Target:	AKTIP
Binding Specificity:	AA 201-292
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKTIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

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

Target Details

Alternative Name:	FTS/AKTIP (AKTIP Products)
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:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months