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Datasheet for ABIN6991756 **anti-WIP1 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	WIP1
Binding Specificity:	AA 350-400, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WIP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	WIP1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human WIP1. The immunogen is located within amino acids 350 - 400 of WIP1.
Isotype:	IgG
Specificity:	At least two isoforms of WIP1 are known to exist, this antibody will detect both isoforms.
Purification:	WIP1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	WIP1
Alternative Name:	WIP1 (WIP1 Products)
Background:	WIP1 Antibody: WIP1 (WD repeat domain, phosphoinositide interacting-1), also known as

Target Details

WIPI1, ATG18 or WIPI49, is thought to play a role in autophagy and may regulate protein trafficking in certain recycling pathways. It contains three WD repeats and has a 7-bladed propeller structure with a conserved motif that facilitates its interaction with other proteins. WIPI1 localizes to cytoplasmic vesicles, endosomes, clathrin-coated vesicles and the trans-Golgi network. It is ubiquitously expressed with highest expression in heart, testis, placenta, pancreas and skeletal muscle. WIPI1 is upregulated in a variety of tumors, suggesting a role in carcinogenesis.

Molecular Weight:	49 kDa
Gene ID:	55062
NCBI Accession:	NP_060453
UniProt:	Q5MNZ9
Pathways:	Nuclear Hormone Receptor Binding, ER-Nucleus Signaling

Application Details

Application Notes:	WIPI1 antibody can be used for detection of Wipi1 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in rat samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	WIPI1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	WIPI1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.