

<b>Cat. No:</b>	ABN19904
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthetic Peptide of WIPI1
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:500-1:2000,ELISA 1:10000-1:20000
<b>Molecular Weight:</b>	48kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	WD repeat domain, phosphoinositide interacting 1

**Background:** WD repeat domain, phosphoinositide interacting 1(WIPI1) Homo sapiens This gene encodes a WD40 repeat protein. Members of the WD40 repeat family are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],function:May play a role in autophagy. May regulate the trafficking of proteins involved in the mannose-6-phosphate receptor (MPR) recycling pathway.,similarity:Contains 3 WD repeats.,subcellular location:Trans elements of the Golgi and peripheral endosomes. Dynamically cycles through these compartments and is susceptible to conditions that modulate membrane flux. Enriched in clathrin-coated vesicles.,subunit:Probably interacts with androgen (AR) and the estrogen receptor (ER). Binds PtdIns3P and to a lesser extent, PtdIns3,5P2 and PtdIns5P in vitro. Interaction with PtdIns3P is required for recruitment to membranes.,tissue specificity:Ubiquitously expressed. Highly expressed in skeletal muscle, heart, testis, pancreas and placenta. Highly expressed in G361, Sk-mel-28, Sk-mel-13, WM852 and WM451 cells. Up-regulated in a variety of tumor tissues.,

<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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