

产品名称: WIPI1 Rabbit Polyclonal Antibody
产品货号: APRab19904



产品概述 (Summary)

产品名称 (Production Name)	WIPI1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	WIPI1 WIPI49
别名 (Alternative Names)	WD repeat domain, phosphoinositide interacting 1
基因 ID (Gene ID)	55062.0
蛋白 ID (SwissProt ID)	Q5MNZ9.Synthetic Peptide of WIPI1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

研究背景 (Background)

WD repeat domain, phosphoinositide interacting 1(WIPI1) Homo sapiens This gene encodes a WD40 repeat protein.

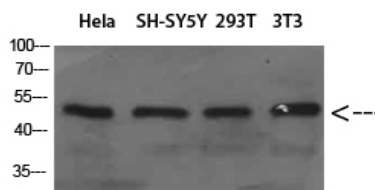
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Members of the WD40 repeat family are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members 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.,

研究领域 (Research Area)

Signal Transduction; Protein Trafficking; Golgi Proteins; Cancer; Signal transduction; Autophagy; Metabolism; Pathways and Processes; Metabolism processes; Autophagy and mitophagy; Signal Transduction; Neuroscience

图片 (Image Data)



Western Blot analysis of HeLa SH-SY5Y 293T 3T3 cells using WIPI1 Polyclonal Antibody diluted at 1:800. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .