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Datasheet for ABIN6938781
anti-WIPI2 antibody (AA 418-436)

Overview

Quantity:	100 µg
Target:	WIPI2
Binding Specificity:	AA 418-436
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This WIPI2 antibody is un-conjugated
Application:	ELISA, Coating (Coat), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant fragment (around aa 418-436) of human WIPI2 protein (exact sequence is proprietary)
Clone:	2A2
Isotype:	IgG1 kappa
Specificity:	WD40 repeat proteins 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, such as WIPI2, have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids (Proikas-Cezanne et al., 2004 [PubMed 15602573]).
Cross-Reactivity (Details):	Human. Mouse.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: WIPI2

Alternative Name: WIPI2 ([WIPI2 Products](#))

Background: ATG18B, Atg21, CGI 50, DKFZp434J154, DKFZp686P02188, FLJ12979, FLJ14217, FLJ42984, WD repeat domain phosphoinositide-interacting protein 2, WIPI2, WIPI49 like protein 2, WIPI2
Cellular localisation: Preautophagosomal structure membrane.

Molecular Weight: 49kDa

Gene ID: 26100, 122363

UniProt: [Q9Y4P8](#)

Application Details

Application Notes: Known_Application: ELISA (For coating, order antibody without BSA), Flow Cytometry (1-2 μ g/million cells), Optimal dilution for a specific application should be determined.
Positive_Control: HEK293 cells. Human or mouse placenta, skeletal muscle or testis.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months