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Datasheet for ABIN6991783  
**anti-WIPI2 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	WIPI2
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WIPI2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Rabbit polyclonal WIPI2 antibody was raised against a 17 amino acid peptide near the amino terminus of human WIPI2. The immunogen is located within the first 50 amino acids of WIPI2.
Isotype:	IgG
Specificity:	WIPI2 antibody is human and rat reactive. Multiple isoforms of WIPI2 are known to exist. WIPI2 antibody is predicted to not cross-react with WIPI1.
Purification:	WIPI2 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	WIPI2
Alternative Name:	WIPI2 ( <a href="#">WIPI2 Products</a> )

## Target Details

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**Background:** WIPI2 Antibody: WD repeat proteins play a role in many essential biologic functions, regulating the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. WIPI2, also known as ATG18B or ATG21, is a human homolog to yeast ATG18 and contains three WD repeats and has a 7-bladed propeller structure with a conserved motif that facilitates its interaction with other proteins. It is recruited to early autophagosomal structures along with Atg16L and ULK1 and is required for the formation of LC3-positive autophagosomes. Along with the highly related WIPI1, WIPI2 is found at the plasma membrane in addition to autophagosomal membranes.

**Molecular Weight:** 50 kDa

**Gene ID:** 26100

**NCBI Accession:** [NP\\_056425](#)

**UniProt:** [Q9Y4P8](#)

## Application Details

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**Application Notes:** WIPI2 antibody can be used for detection of WIPI2 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** WIPI2 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:** WIPI2 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.