BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-WIPI2 Antibody

**Catalog Number:** A06492

## About WIPI2

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.

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## Overview

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| Product Name | Anti-WIPI2 Antibody |
| Reactive Species | Human, Rat |
| Description | Boster Bio Anti-WIPI2 Antibody (Catalog # A06492). Tested in ELISA, WB applications. This antibody reacts with Human, Rat. |
| Application | ELISA, WB |
| Clonality | Polyclonal |
| Formulation | WIPI2 Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | WIPI2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q9Y4P8 |

## Technical Details

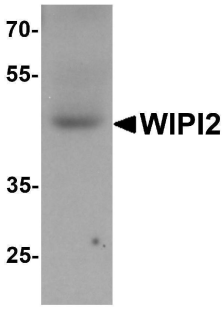
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| Immunogen | Rabbit polyclonal WIPI2 antibody was raised against a 17 amino acid peptide near the amino terminus of human WIPI2. The immunogen is located within the first 50 amino acids of WIPI2. |
| Predicted Reactive Species | Bovine, Rabbit |
| Cross Reactivity | WIPI2 antibody is human and rat reactive. Multiple isoforms of WIPI2 are known to exist. WIPI2 |

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| | antibody is predicted to not cross-react with WIPI1. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | WIPI2 Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | WIPI2 antibody can be used for detection of WIPI2 by Western blot at 1 - 2 ug/mL.<br>Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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# Anti-WIPI2 Antibody (A06492) Images




Western blot analysis of WIPI2 in human testis tissue lysate with WIPI2 antibody at 1 ug/mL

Anti-WIPI2 Antibody

For Research Use Only. Not for use in diagnostic procedures.