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Datasheet for ABIN5066236

## anti-WIPI2 antibody (C-Term) (Alkaline Phosphatase (AP))

### 3 Images

#### Overview

Quantity:	100 µg
Target:	WIPI2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WIPI2 antibody is conjugated to Alkaline Phosphatase (AP)
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	Synthetic peptide from the C-terminal of Human WIPI2
Isotype:	IgG
Specificity:	Ubiquitously expressed (at protein level). Highly expressed in heart, skeletal muscle and pancreas. Expression is down-regulated in pancreatic and in kidney tumors., Detects ~55 kDa.
Cross-Reactivity:	Human
Purification:	Peptide Affinity Purified

#### Target Details

Target:	WIPI2
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## Target Details

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

Gene ID: 26100

NCBI Accession: [NP\\_001028690](#)

UniProt: [Q9Y4P8](#)

## Application Details

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Application Notes:

- WB (1:1000)
- ICC/IF (1:100)
- IHC (1:50)
- optimal dilutions for assays should be determined by the user.

Comment: A 1:1000 dilution of ABIN5066236 was sufficient for detection of WIPI2 in 15 µg of human HeLa cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

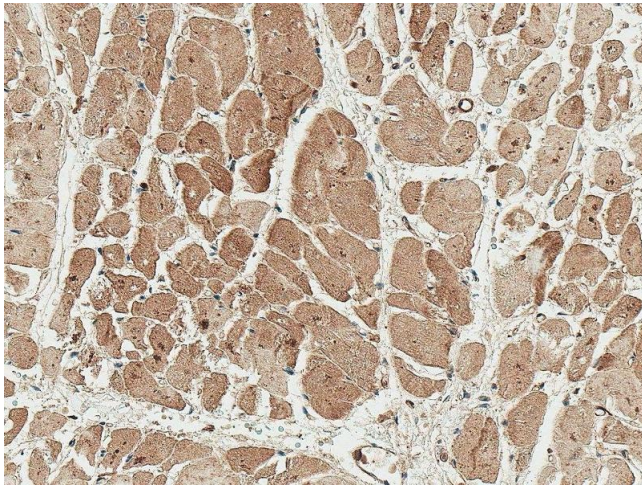
Buffer: PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

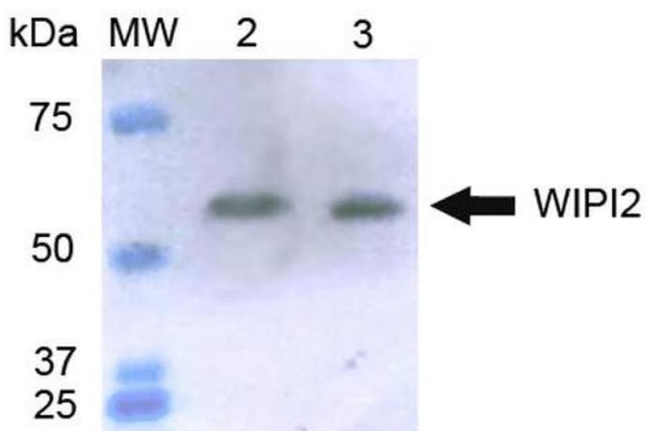
Storage: 4 °C

Storage Comment: Conjugated antibodies should be stored at 4°C



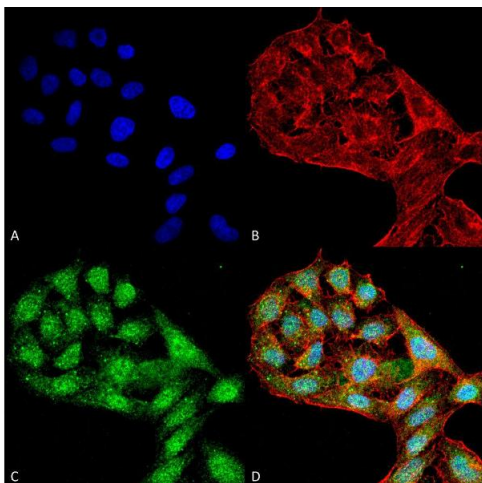
### Immunohistochemistry

**Image 1.** Immunohistochemistry analysis using Rabbit Anti-WIPI2 Polyclonal Antibody (ABIN5066236). Tissue: Heart. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-WIPI2 Polyclonal Antibody (ABIN5066236) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X. HRP-DAB Detection.



### Western Blotting

**Image 2.** Western blot analysis of Human HeLa and 293Trap cell lysates showing detection of ~49.4 kDa WIPI2 protein using Rabbit Anti-WIPI2 Polyclonal Antibody. Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa cell lysates. Lane 3: 293Trap cell lysates. Load: 15 µg. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-WIPI2 Polyclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:1000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~49.4 kDa.



### Immunofluorescence (fixed cells)

**Image 3.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-WIPI2 Polyclonal Antibody. Tissue: HeLa Cells (Human Cervical Cancer). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-WIPI2 Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) WIPI2 Antibody (D) Composite.