

Rabbit anti-Human WIPI2 Polyclonal Antibody | anti-WIPI2 antibody

WIPI2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284136	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

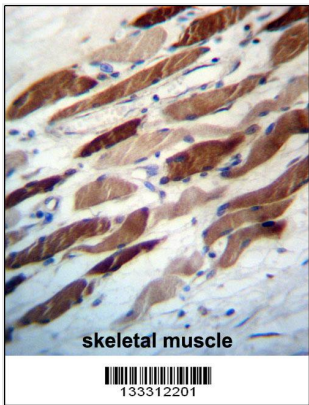
PRODUCT SYNONYMS

WIPI2; Polyclonal Antibody; WIPI2 Antibody (N-term); WD repeat domain phosphoinositide-interacting protein 2; WIPI-2; WIPI49-like protein 2; anti-WIPI2 antibody

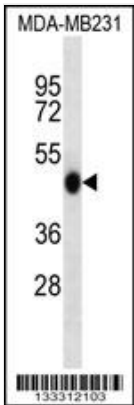
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WIPI2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-32 amino acids from the N-terminal region of human WIPI2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	4-32
Sequence Length	443
Applicable Applications for anti-WIPI2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
WIPI2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of WIPI2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
WIPI2 Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the WIPI2 antibody detected the WIPI2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-WIPI2 antibody	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]).
Product Categories/Family for anti-WIPI2 antibody	GPCR Antibodies
References	Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Proikas-Cezanne, T., et al. Oncogene 23(58):9314-9325(2004) Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	75677329
NCBI GeneID	26100
NCBI Accession #	NP_001028690.1; NP_001028691.1; NP_001028692.1; NP_001265228.1; NP_056425.1; NP_057087.2
NCBI GenBank Nucleotide #	NM_001033518.1
UniProt Accession #	Q9Y4P8; Q5MNZ8; Q6FI96; Q75L50; Q96IE4; Q9Y364; B3KNC2
Molecular Weight	49408
NCBI Official Full Name	WD repeat domain phosphoinositide-interacting protein 2 isoform c
NCBI Official Synonym Full Names	WD repeat domain, phosphoinositide interacting 2
NCBI Official Symbol	WIPI2
NCBI Official Synonym Symbols	Atg21; ATG18B; CGI-50; WIPI-2
NCBI Protein Information	WD repeat domain phosphoinositide-interacting protein 2
UniProt Protein Name	WD repeat domain phosphoinositide-interacting protein 2

UniProt Gene Name	WIPI2
UniProt Synonym Gene Names	WIPI-2
UniProt Entry Name	WIPI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wipi2-antibody-immunohistochemistry-western-blot-elisa/284136>