

NIPSNAP1 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15233

Product Information

Application	WB
Primary Accession	Q9BPW8
Other Accession	NM_003634 , NP_003625
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33310

Additional Information

Gene ID	8508
Other Names	Protein NipSnap homolog 1, NipSnap1, NIPSNAP1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NIPSNAP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NIPSNAP1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NIPSNAP1 {ECO:0000303 PubMed:30982665, ECO:0000312 HGNC:HGNC:7827}
Function	Protein involved in mitophagy by facilitating recruitment of the autophagy machinery required for clearance of damaged mitochondria (PubMed: 30982665). Accumulates on the mitochondria surface in response to mitochondrial depolarization and acts as a 'eat me' signal by recruiting proteins involved in selective autophagy, such as autophagy receptors (CALCOCO2/NDP52, NBR1, SQSTM1/p62, TAX1BP1 and WDFY3/ALFY) and ATG8 family proteins (MAP1LC3A, MAP1LC3B, MAP1LC3C, GABARAP, GABARAPL1 and GABARAPL2) (PubMed: 30982665).
Cellular Location	Mitochondrion matrix

Tissue Location

Ubiquitous (PubMed:9661659). Highest expression in liver (PubMed:9661659).

References

Seroussi E.,et al.Gene 212:13-20(1998).

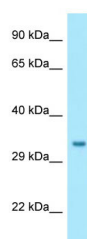
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Choudhary C.,et al.Science 325:834-840(2009).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



WB Suggested Anti-NIPSNAP1 Antibody Titration: 1.0
µg/ml
Positive Control: Fetal Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.