

NIPSNAP1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15233**Specification****NIPSNAP1 Antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	O9BPW8
Other Accession	NM_003634 , NP_003625
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa kDa

NIPSNAP1 Antibody - C-terminal region - 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.

NIPSNAP1 Antibody - C-terminal region - 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

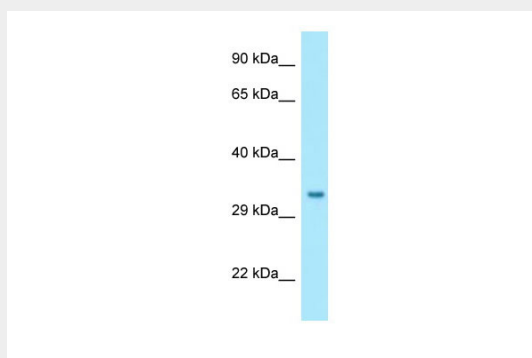
Tissue Location

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

NIPSNAP1 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NIPSNAP1 Antibody - C-terminal region - Images

WB Suggested Anti-NIPSNAP1 Antibody Titration: 1.0 µg/ml

Positive Control: Fetal Liver

NIPSNAP1 Antibody - C-terminal region - 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).