

Anti-GBAS Antibody (clone 1B8)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17339**Specification**

Anti-GBAS Antibody (clone 1B8) - Product Information

Application	WB, IHC-P, IF
Primary Accession	O75323
Predicted	Human, Mouse, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	33743
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

Anti-GBAS Antibody (clone 1B8) - Additional Information**Gene ID** 2631

Alias Symbol	GBAS
Other Names	
GBAS, NIPSNAP2, Protein NipSnap homolog 2	

Target/Specificity
Human GBAS**Reconstitution & Storage**

PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide Store at -20°C. Minimize freezing and thawing.

Precautions

Anti-GBAS Antibody (clone 1B8) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GBAS Antibody (clone 1B8) - Protein Information**Name** NIPSNAP2 {ECO:0000303|PubMed:30982665, ECO:0000312|HGNC:HGNC:4179}**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

Widely expressed (PubMed:9615231). Most abundant in heart and skeletal muscle (PubMed:9615231)

Anti-GBAS Antibody (clone 1B8) - 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](#)

Anti-GBAS Antibody (clone 1B8) - Images