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Anti-GBAS Antibody (clone 1B8)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17339

Product Information

Application	WB, IHC-P, IF
Primary Accession	O75323
Predicted	Human, Mouse, Rat, Monkey, Dog
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	1B8
Calculated MW	33743
Concentration (mg/ml)	1 mg/ml

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.

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)

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