

Anti-MIB1 Antibody

Catalog Number: A01387

About MIB1

The E3 ubiquitin-protein ligase MIB1, also known as Mindbomb homolog 1, contains multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase (1). MIB1 interacts with and regulates the cellular expression of the death-associated protein kinase 1 (DAPK1) protein by promoting its ubiquitination and degradation (1). It also positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis (2).

Overview

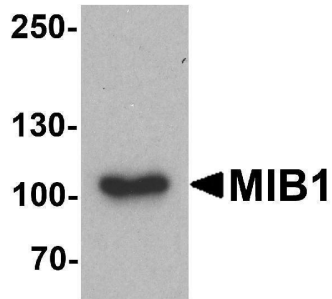
Product Name	Anti-MIB1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MIB1 Antibody (Catalog # A01387). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	MIB1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	MIB1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q86YT6

Technical Details

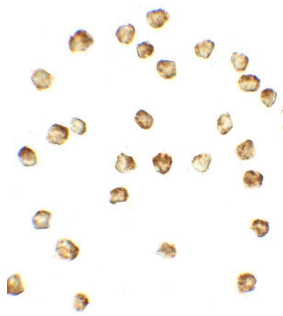
Immunogen	MIB1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human MIB1. The immunogen is located within amino acids 920 - 970 of MIB1.
Predicted Reactive Species	Bovine, Guinea Pig, Pig
Cross Reactivity	MIB1 antibody is human, mouse and rat reactive. At least three isoforms of MIB1 are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MIB1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MIB1 antibody can be used for detection of MIB1 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunocytochemistry at 5 ug/mL. For Immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

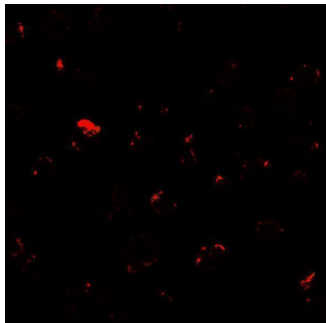
Anti-MIB1 Antibody (A01387) Images



Western blot analysis of MIB1 in A431 cell lysate with MIB1 antibody at 1 ug/ml.



Immunocytochemistry of MIB1 in A431 cells with MIB1 antibody at 5 ug/mL.



Immunofluorescence of MIB1 in A431 cells with MIB1 antibody at 20 ug/mL.

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Anti-MIB1 Antibody

For Research Use Only. Not for use in diagnostic procedures.