Goat anti-Human MIB1 Polyclonal Antibody | anti-MIB1 antibody

GOAT ANTI HUMAN MIB1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50409	**Goat**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

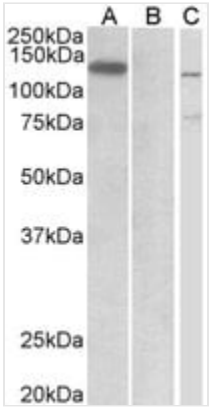
PRODUCT SYNONYMS

MIB1; Polyclonal Antibody; GOAT ANTI HUMAN MIB1; MIB1 antibody; anti-MIB1 antibody

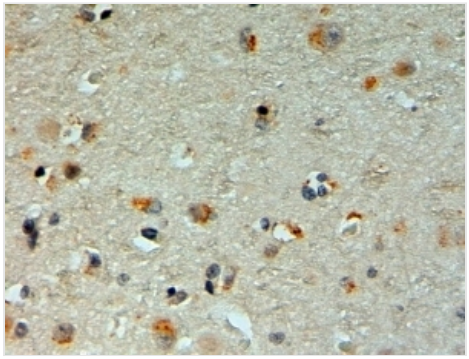
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MIB1
Form/Format	Purified IgG, liquid. TRIS buffered saline Antiserum to human MIB1 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Concentration	IgG concentration 0.5mg/ml (varies by lot)
Applicable Applications for anti-MIB1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species Cross-Reactivity	Mouse, Rat, Dog, Bovine
Immunogen	Synthetic peptide sequence C-DKDNTNVNADVQKLQ from the internal region of MIB1 (NP_065825.1).
Preservative Stabilizers	0.02% Sodium Azide (NaN3) Preservative Stabilizers
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



WB (Western Blot)
Western blotting analysis of HEK293 cell lysate probed with Goat anti Human MIB1 antibody : Lane A - overexpressing Myc tagged human MIB1. Lane B - mock transfected HEK293 cell lysate. Lane C - overexpressing Myc tagged human MIB1 probed with anti Myc tag antibody.



IHC (Immunohistochemistry)
Formalin fixed, paraffin embedded human cerebral cortex stained with goat anti Human MIB1 following heat mediated antigen retrieval in citrate buffer pH6.0.

ADDITIONAL INFORMATION

Related Product Information for anti-MIB1 antibody	Goat anti Human MIB-1 antibody recognizes human E3 ubiquitin-protein ligase MIB1, also known as Mind bomb homolog 1, DAPK-interacting protein 1 or Zinc finger ZZ type with ankyrin repeat domain protein 2, encoded by the MIB1 gene. E3 ubiquitin-protein ligase MIB1 is a 1006 amino acid ~130 kDa E3 ubiquitin-protein ligase which plays a role in the regulation of apoptosis through DAPK interaction, and also a key role in the positive regulation of the Notch signaling pathway. MIB1 mediates the ubiquitination of the intracellular domain of the major Notch ligands known as Delta receptors, resulting in their endocytosis and degradation, and subsequently in the up-regulation of receptor activity and Notch pathway activation/signaling.MIB1 is highly expressed in the brain, spinal cord and ovaries, and elevated levels of both MIB1 and DAPK are found in the cytoplasm and microsomal fractions of epilepsy brain tissue. Mutation of the MIB1 gene leads to the development of Left ventricular non-compaction 7 (LVNC7), a disease caused by incomplete cardiac muscle development, characterized by a hypotrophic left ventricle (Luxán et al. 2013), although it may on occasions be associated with other myocardial abnormalities (Ströllberger et al. 2002).
References	1. Bray, S.J. (2006) Notch signalling: a simple pathway becomes complex.Nat Rev Mol Cell Biol. 7 (9): 678-89.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/mib1-antibody-immunohistochemistry-western-blot-elisa/50409