



MOAP1 Polyclonal Antibody

Catalog No	YP-Ab-07708
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MOAP1 PNMA4
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	MOAP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MAP 1;MAP1;MOAP1;modulator of apoptosis 1;Paraneoplastic antigen Ma4; PNMA4;MOAP1 PNMA4;Modulator of apoptosis 1 (MAP-1) (MAP1) (Paraneoplastic antigen Ma4)
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cytoplasm, cytosol . Mitochondrion outer membrane . Extracellular vesicle membrane . Forms virion-like extracellular vesicles that are released from cells. .
Tissue Specificity	Widely expressed, with high levels in heart and brain.
Function	domain:The BH3-like domain is required for association with BAX and for mediating apoptosis. The three BH domains (BH1, BH2, and BH3) of BAX are all required for mediating protein-protein interaction.,function:Required for death receptor-dependent apoptosis. When associated with RASSF1, promotes BAX conformational change and translocation to mitochondrial membranes in response to TNF and TNFSF10 stimulation.,similarity:Belongs to the PNMA family.,subunit:Homodimer. Under normal circumstances, held in an inactive conformation by an intramolecular interaction. Binding to RASSF1 isoform A (RASSF1A) relieves this inhibitory interaction and allows further binding to BAX. Binds also to BCL2 and BCLX. Recruited to the TNFRSF1A and TNFRSF10A



complexes in response to their respective cognate ligand, after internalization.,
tissue specificity: Ubiquitously expressed with higher levels in heart and b

Background

modulator of apoptosis 1(MOAP1) Homo sapiens The protein encoded by this gene was identified by its interaction with apoptosis regulator BAX protein. This protein contains a Bcl-2 homology 3 (BH3)-like motif, which is required for the association with BAX. When overexpressed, this gene has been shown to mediate caspase-dependent apoptosis. [provided by RefSeq, Jul 2008],

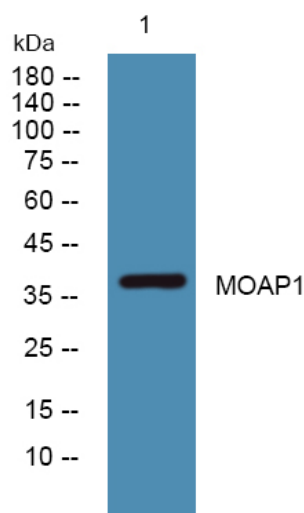
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A431 cells,
primary antibody was diluted at 1:1000, 4° over night