



[Go to Product page](#)

Datasheet for ABIN6990393
anti-MAP1 antibody

Overview

Quantity:	0.1 mg
Target:	MAP1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	MAP-1 antibody was raised against a 15 amino acid synthetic peptide from near the center of human MAP-1. The immunogen is located within the last 50 amino acids of MAP1.
Isotype:	IgG
Purification:	MAP1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MAP1
Alternative Name:	MAP1 (MAP1 Products)
Background:	MAP1 Antibody: Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. Members of the Bcl-2 family are known to be critical regulators of this process. These proteins are characterized by the presence of several

Target Details

conserved motifs termed Bcl-2 homology (BH) domains. A related protein termed MAP-1 has recently been identified. This protein contains a BH3-like domain and induces caspase-dependent apoptosis in mammalian cells when overexpressed. It forms homodimers and associates with Bcl-2 family members such as Bax, Bcl-2, and Bcl-XL in vitro and in vivo. It has been suggested that MAP-1 associates with the tumor suppressor RASSF1A following death receptor activation, allowing a conformational change in Bax that leads to cellular apoptosis.

Gene ID: 64112

NCBI Accession: [NP_071434](#)

UniProt: [Q96BY2](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: MAP1 antibody can be used for the detection of MAP-1 by Western blot at 1 to 4 µg/mL.

Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: MAP1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: MAP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.