

Product datasheet for **AP07773PU-N**

MAP1 (MOAP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 2.5 µg/ml. Western Blot: 1 µg/ml.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic Peptide corresponding to 15 amino acid peptide from near the center of human MAP-1.
Specificity:	This antibody recognises MAP-1 Protein (MOAP1).
Formulation:	Phosphate Buffered Saline PBS containing 0.02% Sodium Azide as preservative. State: Aff - Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer. Dilute only prior to immediate use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	modulator of apoptosis 1
Database Link:	Entrez Gene 64112 Human Q96BY2



[View online »](#)

Background:

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 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.

Synonyms:

MAP-1, MAP1, Modulator of apoptosis 1

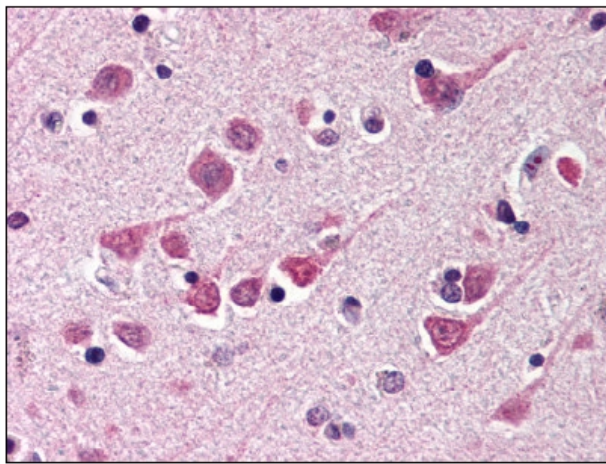
Product images:

Figure 1. Formalin-Fixed Paraffin-Embedded (FFPE) on Brain, Cortex.