

AibGenesis™ Mouse Anti-Arabidopsis MAP1A Antibody (CBMOAB-36193FYC)

Cat. No.: CBMOAB-36193FYC

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Species Reactivity	<i>A. thaliana</i> (<i>Arabidopsis thaliana</i>)
Clone	MO36193FC
Specificity	This antibody binds to Arabidopsis MAP1A.
Format	Liquid or Lyophilized
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use
Purity	> 90% was determined by SDS-PAGE
Purification	Purified with Protein A or G affinity chromatography
Cellular Localization	Other locations; Cytosol

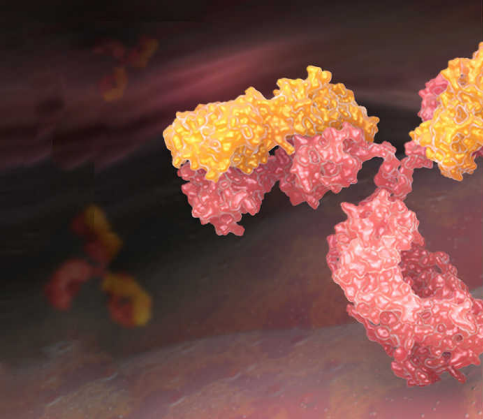
Application-Information

Application	WB, ELISA
Application Notes	ELISA: 1:1000-1:3000 Other applications are to be developed. The optimal dilution should be determined by the end user.

Target

Introduction	This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The product of this gene is a precursor polypeptide that presumably undergoes proteolytic processing to generate the final MAP1A heavy chain and LC2 light chain. Expression of this gene is almost exclusively in the brain. Studies of the rat microtubule-associated protein 1A gene suggested a role in early events of spinal cord development. (From NCBI)
--------------	--

Product Overview	Mouse Anti-Arabidopsis MAP1A Antibody is a mouse antibody against MAP1A. It can be used for MAP1A detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Alternative Names	Microtubule Associated Protein 1A; Proliferation-Related Protein P80; MAP-1A; MAP1L; Microtubule-Associated Protein 1A; EC 2.7.2.8; EC 6.3.4.5; MTAP1A
UniProt ID	Q9SLN5
Protein Refseq	The length of the protein is 398 amino acids long. The sequence is show below: MASESDASSIATLSCARC EKPAHLQCPKCIDLKLPREQASFCTQECFKAAWSSHKSVHVK AQLSSIGDQNSDLISQGWLYCVKKGQAR TPKLPHFDDWTGPLKQYPISTKRVPVPAEIEKPD WAIDGTPKVEPNSDLQHVVVEIKTPEQIQRMRETCKIAREV LDAAARVIHPGVTTDEIDRV VHEATIAAGGYPSPLNYFFPKSCCTSVNEVICHGIPDARKLEDGDIVNVDVT VCYKGCH GDLNETYFVGNVDEASRQLVKCTYECLEKAIAIVKPGVRFREIGEIVNRHATMSGLSVVR SYCG HGIGDLFHCAPNIPHYARNKAVGVMKAGQTFTIEPMINAGGWRDRTWPDGWTAVTA DGKRSAQFEHTLLV TETGVEVLTARLPSSPDVYPWLTK.



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.