

# MOBP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP6913a

## Product Information

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<b>Application</b>	WB, IHC-P, FC, E
<b>Primary Accession</b>	<a href="#">Q13875</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB21242
<b>Antigen Region</b>	1-30

## Additional Information

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<b>Other Names</b>	Myelin-associated oligodendrocyte basic protein, MOBP
<b>Target/Specificity</b>	This MOBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MOBP.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	MOBP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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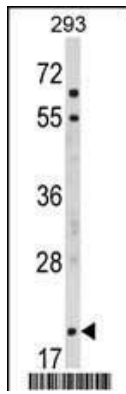
### Background

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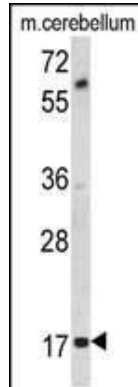
MOBP may play a role in compacting or stabilizing the myelin sheath, possibly by binding the negatively charged acidic phospholipids of the cytoplasmic membrane (By similarity).

### Images

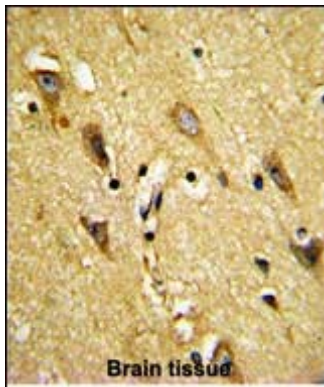
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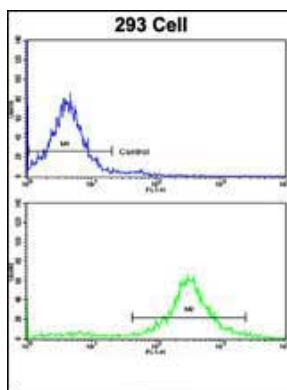
Western blot analysis of MOBP Antibody (N-term) (Cat. #AP6913a) in 293 cell line lysates (35ug/lane). MOBP (arrow) was detected using the purified Pab.



Western blot analysis of MOBP Antibody (N-term) (Cat. #AP6913a) in mouse cerebellum tissue lysates (35ug/lane). MOBP (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain reacted with MOBP Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of 293 cells using MOBP Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## Citations

- [Dystonia-specific mutations in THAP1 alter transcription of genes associated with neurodevelopment and myelin](#)