

Rabbit anti-Human, mouse MOBP Polyclonal Antibody | anti-MOBP antibody

MOBP Antibody (N-term)

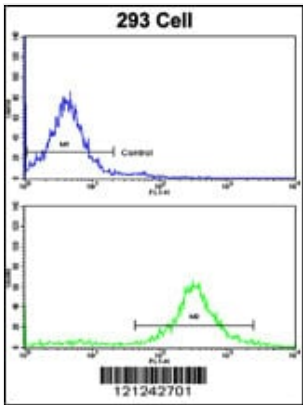
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283786	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MOBP; Polyclonal Antibody; MOBP Antibody (N-term); Myelin-associated oligodendrocyte basic protein; anti-MOBP antibody

PRODUCT SPECIFICATIONS

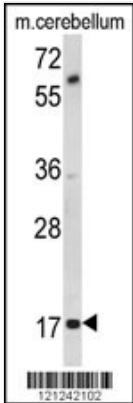
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MOBP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	206
Applicable Applications for anti-MOBP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	May play a role in compacting or stabilizing the myelin sheath, possibly by binding the negatively charged acidic phospholipids of the cytoplasmic membrane.
Cellular Location	Cytoplasm, perinuclear region. Note=Present in the major dense line of CNS myelin.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



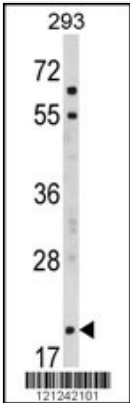
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of 293 cells using MOBP Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
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.



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-MOBP antibody	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).
Product Categories/Family for anti-MOBP antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	507417944
NCBI GeneID	4336
NCBI Accession #	NP_001265252.1; NP_891980.1
NCBI GenBank Nucleotide #	NM_001278323.1
UniProt Accession #	Q13875; Q13874; Q6DHz6; Q8TBJ1; A8K2C2; G5E945
Molecular Weight	20959
NCBI Official Full Name	myelin-associated oligodendrocyte basic protein isoform b
NCBI Official Synonym Full Names	myelin-associated oligodendrocyte basic protein

NCBI Official Symbol	MOBP
NCBI Protein Information	myelin-associated oligodendrocyte basic protein
UniProt Protein Name	Myelin-associated oligodendrocyte basic protein
UniProt Gene Name	MOBP
UniProt Entry Name	MOBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mobp-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283786>