

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

34-1071: Polyclonal Antibody to Myelin Basic Protein, MBP

Clonality: Polyclonal
Application: WB, IF/ICC, IHC

Reactivity: Human, Rat, Mouse, Cow, Pig

 Gene :
 MBP

 Gene ID :
 4155

 Uniprot ID :
 P02686

Format: Conc. IgY prep.

Alternative Name : Myelin A1 protein, Myelin membrane encephalitogenic protein

Isotype: Chicken, IgY

Immunogen Information: Purified myelin basic protein isolated from bovine nerve.

Product Info

Amount : 50 μl / 100 μl

Content: Antibody is supplied as an aliquot of IgY preparation.

Storage condition:

Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

WB: 1:10,000. IF/ICC 1:2,000 and IHC/IF: 1:5,000.

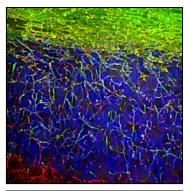


Figure-1: Immunofluorescent analysis of rat brain cerebellum section stained with chicken pAb to Myelin Basic Protein (MBP),(34-1071), dilution 1:5,000 in green, and costained with rabbit pAb to NF-L, (34-1083), dilution 1:5,000 in red. The MBP antibody stains oligodendrocytes and myelin sheathes around axons, while the NF-L antibody labels dendrites and axons of neuronal cells.

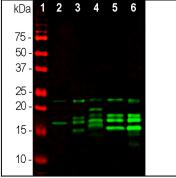


Figure-2: Western blot analysis of different tissue lysates using chicken pAb to MBP,(34-1071), dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] rat sciatic nerve, [5] mouse brain, and [6] mouse spinal cord. Multiple bands between 14-21.5kDa correspond to various alternate transcripts of the single MBP gene.