bs-0426R **[Primary Antibody]**

MOG Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 17441 **SWISS:** Q61885

Target: MOG

Immunogen: KLH conjugated synthetic peptide derived from mouse MOG: 35-55/247. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

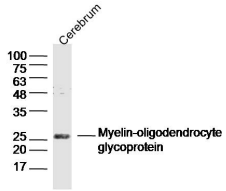
Applications: **WB** (1:500-2000)

Reactivity: Mouse, Rat (predicted: Human, Pig, GuineaPig)

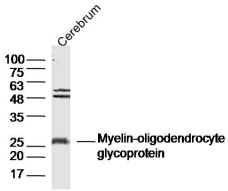
Predicted MW.: 24 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti- Myelin-oligodendrocyte glycoprotein (bs-0426R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 24 kD Observed band size: 26 kD



Sample: Cerebrum (Rat) Lysate at 40 ug Primary: Anti- Myelin-oligodendrocyte glycoprotein (bs-0426R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 24 kD Observed band size: 26 kD

SELECTED CITATIONS

- **[IF=6.208]** Cristina Agliardi. et al. Myelin Basic Protein in Oligodendrocyte-Derived Extracellular Vesicles as a Diagnostic and Prognostic Biomarker in Multiple Sclerosis: A Pilot Study. INT J MOL SCI. 2023 Jan;24(1):894 Other ;Human. 36614334
- **[IF=6.1]** Wei Sun. et al. Ketogenic diet attenuates neuroinflammation and induces conversion of M1 microglia to M2 in an EAE model of multiple sclerosis by regulating the NF-κB/NLRP3 pathway and inhibiting HDAC3 and P2X7R activation. FOOD FUNCT. 2023 Jul;: IHC ;Mouse. 37466915