

Product Datasheet

MOG Antibody NB300-948

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB300-948

MOG Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	4340
Gene Symbol	MOG
Species	Human, Porcine
Reactivity Notes	Use in Porcine reported in scientific literature (PMID:35027884) .
Marker	Oligodendrocyte Marker
Specificity/Sensitivity	This antibody is expected to recognise NP_996532.2 (isf a1), NP_996535.2 (isf a2) and NP_001008229.1 (isf a3)
Immunogen	Peptide with sequence C-AGQFLEELRNPF corresponding to C-Terminus according to NP_996532.2, NP_996535.2, NP_001008229.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 1 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	Western Blot: Approx 26kDa band observed in Human Brain lysates (calculated MW of 25.4kDa according to NP_001008229.1). Recommended concentration: 0.03-0.1ug/ml. Primary incubation was for 1 hour.

Images

Western Blot: MOG Antibody [NB300-948] - (0.03ug/ml) staining of Human Amygdala lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Publications

Ahmed S, Travis S, Diaz-Bahamonde F et al. Early Influences of Microbiota on White Matter Development in Germ-Free Piglets *Frontiers in Cellular Neuroscience* 2021-12-27 [PMID: 35027884] (WB, Porcine)

Wang Z, Baharani A, Wei Z et al. Low Field Magnetic Stimulation Promotes Myelin Repair and Cognitive Recovery in Chronic Cuprizone Mouse Model *Clinical and experimental pharmacology & physiology* 2021-02-26 [PMID: 33638234]

Zai G, King N, Wigg K et al. Genetic study of the myelin oligodendrocyte glycoprotein (MOG) gene in schizophrenia. *Genes Brain Behav* 2005-02-01 [PMID: 15660663]





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Products Related to NB300-948

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-46633PEP	MOG Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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