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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06668 - Goat Anti-MOG Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MOG, MGC26137, myelin oligodendrocyte glycoprotein, DAQB-92E24.2, MOGIG-2, MOG Ig-AluB, MOG alpha-6

Official Symbol: MOG

Accession Number(s): NP_996532.2; NP_996535.2; NP_001008229.1

Human GeneID(s): [4340](#)

Important Comments: 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, from the C Terminus of the protein sequence according to NP_996532.2; NP_996535.2; NP_001008229.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 26kDa band observed in Human Brain lysates (calculated MW of 25.4kDa according to NP_001008229, isoform a3). Recommended concentration: 0.03-1µg/ml.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow

EB06668 staining (0.03µg/ml) of Human Brain lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB06668 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.