

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB07105 - Goat Anti-OMG Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OMG, oligodendrocyte myelin glycoprotein, HGNC:8135, OMGP

Official Symbol: OMG

Accession Number(s): NP_002535.3

Human GeneID(s): 4974

Immunogen

Peptide with sequence C-KVTKIPKQYRTKE, from the internal region of the protein sequence according to NP_002535.3.

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 1:128000.

Western blot: Approx 150kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 49.6kDa according to NP_002535.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB07105 ($0.1\mu g/ml$) staining of Human Amygdala lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.