

Goat anti-OMG Antibody

Item Number	dAP-0790
Target Molecule	Principle Name: OMG; Official Symbol: OMG; All Names and Symbols: OMG; oligodendrocyte myelin glycoprotein; HGNC:8135; OMGP; Accession Number (s): NP_002535.3; Human Gene ID(s): 4974; Non-Human GenID(s):
Immunogen	KVTKIPKQYRTKE, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): McGee AW, Yang Y, Fischer QS, Daw NW, Strittmatter SM. Experience-driven plasticity of visual cortex limited by myelin and Nogo receptor. <i>Science</i> . 2005 Sep 30;309(5744):2222-6. PMID: 16195464 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**