

Goat anti-MAOB Antibody

Item Number	dAP-0836
Target Molecule	Principle Name: MAOB; Official Symbol: MAOB; All Names and Symbols: MAOB; monoamine oxidase B ; HGNC:6834; MGC26382; RP1-201D17_B.1; MAO, brain; MAO, platelet; adrenalin oxidase; amine oxidase (flavin-containing); tyramine oxidase; Accession Number (s): NP_000889.3; Human Gene ID(s): 4129; Non-Human GeneID(s): 109731 (mouse)
Immunogen	HKARKLARLTKEE, is from internal region This antibody is not expected to cross-react with MAOA.
Applications	Pep ELISA, WB, EIA 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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 58.8kDa according to NP_000889.3). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Domschke K, Sheehan K, Lowe N, Kirley A, Mullins C, O'sullivan R, Freitag C, Becker T, Conroy J, Fitzgerald M, Gill M, Hawi Z. Association analysis of the monoamine oxidase A and B genes with attention deficit hyperactivity disorder (ADHD) in an Irish sample: Preferential transmission of the MAO-A

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**