

## Goat anti-MAOB Antibody

<b>Item Number</b>	dAP-0836
<b>Target Molecule</b>	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)
<b>Immunogen</b>	HKARKLARLTKEE, is from internal region This antibody is not expected to cross-react with MAOA.
<b>Applications</b>	Pep ELISA, WB, EIA  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**