ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Monoamine Oxidase A Antibody

Item Number	dAP-0740
Target Molecule	Principle Name: Monoamine Oxidase A; Official Symbol: MAOA; All Names and Symbols: MAOA; monoamine oxidase A; HGNC:6833; RP1-201D17__B.2; Accession Number (s): NP_000231.1; Human Gene ID (s): 4128; Non-Human GeneID(s):
Immunogen	DAPWEAQHADKWDK, 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; Reconsititute 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 64000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Heart lysates (calculated MW of 60.0kDa according to NP_000231.1). In transfected HEK293 transiently expressing MAOA a band of approx. 60 kDa is observed. This band is not observed in the non-transfected
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 ender users! This product is sold for Research Use Only

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