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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06984 - Goat Anti-MAOB Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MAOB, monoamine oxidase B, HGNC:6834, MGC26382, RP1-201D17__B.1, MAO, brain, MAO, platelet, adrenalin oxidase, amine oxidase (flavin-containing), tyramine oxidase

Official Symbol: MAOB

Accession Number(s): NP_000889.3

Human GeneID(s): [4129](#)

Non-Human GeneID(s): 109731 (mouse)

Important Comments: This antibody is not expected to cross-react with MAOA.

Immunogen

Peptide with sequence C-HKARKLARLTKEE, from the internal region of the protein sequence according to NP_000889.3.

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 1:32000.

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. Primary incubation was 1 hour.

Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant MAOB captured by a rabbit antibody. Recommended reporter concentration: 0.5-1 µg/ml

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

EB06984 (0.5µg/ml) staining of Human Brain (Hippocampus) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06984 (0.5ug/ml) as the reporter with EB002004 as the capture rabbit antibody (2.5ug/ml).

EB06984 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**