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

EB06928 - Goat Anti-Monoamine Oxidase A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: monoamine oxidase A, HGNC:6833, MAOA, RP1-201D17__B.2

Official Symbol: MAOA

Accession Number(s): NP_000231.1

Human GeneID(s): [4128](#)

Immunogen

Peptide with sequence C-DAPWEAQHADKWDK, from the internal region of the protein sequence according to NP_000231.1.

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 1:64000.

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 HEK293. The user is warned for non-specific background in Western blot. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB06928 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing MAOA (RC207276) and probed with EB06928 (mock transfection in first lane), tested by Origene.