

MAOB Antibody

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

CATALOG NO.: 45-862

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

MAOB Antibody. This antibody is not expected to cross-react with MAOA.

SOURCE:

MAOB antibody was raised against a synthetic peptide of MAOB.

PROTEIN ACCESSION NUMBER(S) :

NP_000889.3

SPECIES REACTIVITY:

Human, Mouse, Rat, Dog,

TESTED APPLICATION:

WB, E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:32,000.
Western Blot: Approx 60kDa band observed in Human Brain lysates (calculated MW of 58.8kDa according to NP_000889.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 150kDa. This band was successfully blocked by incubation with the immunising peptide.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of MAOB in Human Brain lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide using MAOB antibody (1µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

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 sam

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.