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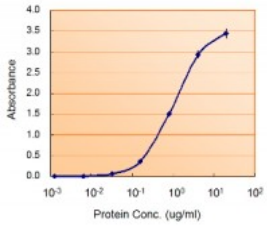
MAOB Antibody

CATALOG NUMBER: 45-862

Western Blot (0.5ug/ml) staining of Human Brain (Hippocampus) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Antibody used in Sandwich ELISA as detection antibody (0.5ug/ml).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	EIA, ELISA, WB
APPLICATIONS:	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: 0.5-1.5ug/ml. Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant MAOB captured by a rabbit antibody. Recommended reporter concentration: 0.5-1ug/ml
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
SPECIFICITY:	This antibody is not expected to cross-react with MAOA.
IMMUNOGEN:	MAOB antibody was raised against a 13 amino acid synthetic peptide near the internal region of MAOB.
HOST SPECIES:	Goat

Properties

PURIFICATION:	MAOB antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MAOB antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MAOB, monoamine oxidase B, HGNC:6834, MGC26382, RP1-201D17__B.1, MAO, brain, platelet, adrenalin oxidase, amine oxidase (flavin-containing), tyramine oxidase,
ACCESSION NO.:	NP_000889.3
PROTEIN GI NO.:	38202207

OFFICIAL SYMBOL:	MAOB
GENE ID:	4129

Background

REFERENCES:	1) 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 941G allele to affected children. Am J Med Genet B Neuropsychiatr Genet. 2005 Feb 16;

FOR RESEARCH USE ONLY

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