



Anti-MAOB polyclonal antibody (DPABY-747)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOB preferentially degrades benzylamine and phenylethylamine.
Immunogen	C-HKARKLARLTKEE
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugate	Unconjugated
Applications	ELISA Pr*, WB
Positive Control	The peptide used to product this antibody is available for purchase.
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Preservative	0.02% Sodium Azide
Storage	Aliquot and store at -33°C. Minimize freezing and thawing.

GENE INFORMATION

Gene Name	MAOB monoamine oxidase B [Homo sapiens (human)]
Official Symbol	MAOB
Synonyms	MAOB; monoamine oxidase B; amine oxidase [flavin-containing] B; MAO-B; MAO, brain; MAO, platelet; tyramine oxidase; adrenalin oxidase; monoamine oxidase type B;
Entrez Gene ID	4129
Protein Refseq	NP_000889
UniProt ID	P27338
Chromosome Location	Xp11.23
Pathway	Alcoholism; Alpha-synuclein signaling; Amine Oxidase reactions; Amphetamine addiction; Arginine and proline metabolism; Biological oxidations; Cocaine addiction; Dopamine metabolism;
Function	electron carrier activity; flavin adenine dinucleotide binding; primary amine oxidase activity; protein homodimerization activity;