

Product datasheet for **TA370909**

Monoamine Oxidase B (MAOB) Rabbit Polyclonal Antibody

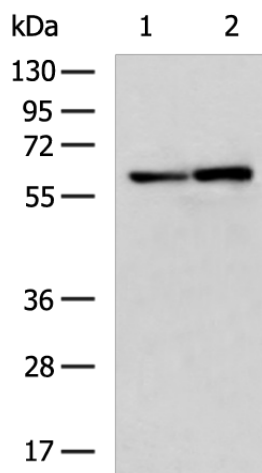
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Rat liver tissue, Mouse liver tissue lysates IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MAOB
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	59 kDa
Gene Name:	monoamine oxidase B
Database Link:	Entrez Gene 4129 Human P27338
Background:	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. This protein preferentially degrades benzylamine and phenylethylamine.
Synonyms:	MAO-B; MGC26382

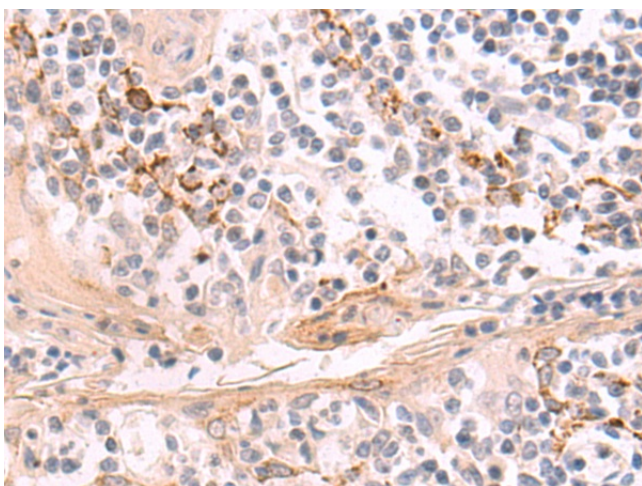


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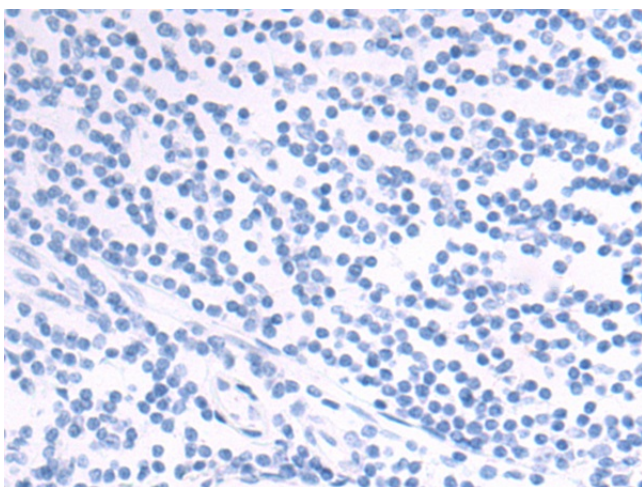
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Rat liver tissue
Mouse liver tissue lysates
Primary antibody: TA370909 (MAOB Antibody) at dilution 1/550
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370909 (MAOB Antibody) at dilution 1/75 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370909 (MAOB Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: $\times 200$)