

## Product datasheet for **TA370909S**

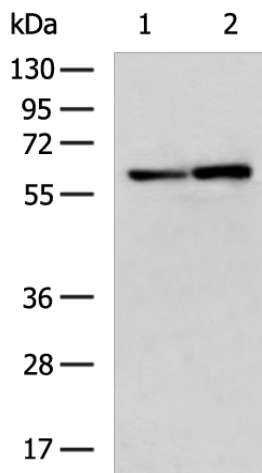
### Monoamine Oxidase B (MAOB) Rabbit Polyclonal Antibody

#### Product data:

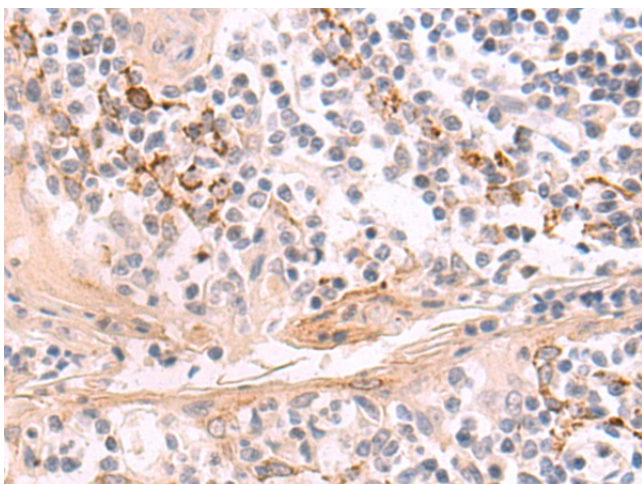
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Rat liver tissue, Mouse liver tissue lysates IHC: 50-200 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MAOB
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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:	<a href="#">Entrez Gene 4129 Human P27338</a>
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



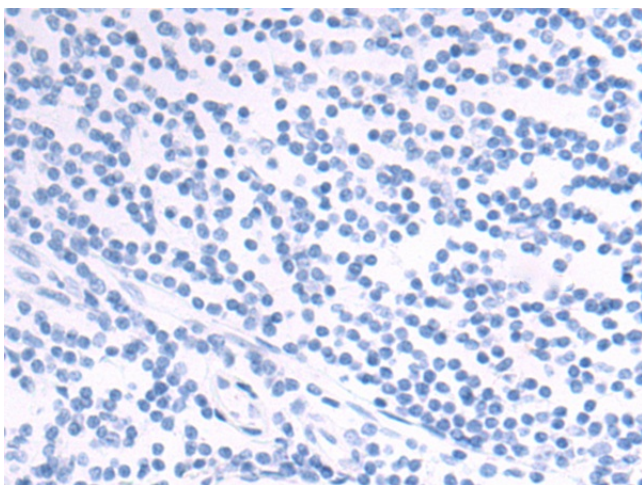
[View online »](#)

**Product images:**


Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 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:  
 ×200)



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