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**Product Name: Monoamine Oxidase B Rabbit Monoclonal Antibody****Catalog #: AMRe86547**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:100-1:200
<b>Molecular Weight</b>	Calculated MW:59 kDa; Observed MW:59 kDa

**Antigen Information**

<b>Gene Name</b>	Monoamine Oxidase B
<b>Alternative Names</b>	MAOB
<b>Gene ID</b>	4129
<b>SwissProt ID</b>	P27338
<b>Immunogen</b>	A synthetic peptide of human Monoamine Oxidase B

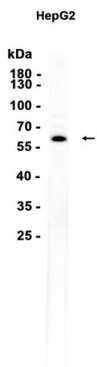
**Background**

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. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from HepG2 cells using Monoamine Oxidase B Rabbit Monoclonal Antibody at 1:1000.