

Datasheet for ABIN3022152

anti-Monoamine Oxidase B antibody (AA 1-260)[Go to Product page](#)

9 Images

Overview

Quantity:	100 µL
Target:	Monoamine Oxidase B (MAOB)
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) (NP_000889.3).
Sequence:	MSNKCDVVVV GGGISGMAAA KLLHDSGLNV VVLEARDRVG GRTYTLRNQK VKYVDLGGSY VGPTQNRILR LAKELGLETY KVNEVERLIH HVKKGKSYPIFR GPFPPVWNPI TYLDHNNFWR TMDDMGREIP SDAPWKAPLA EEWDNMTMKE LLDKLCWTES AKQLATLFVN LCVTAETHEV SALWFLWYVK QCGGTTRIS TTNGGQERKF VGGSGQVSER IMDLLGDRVK LERPVIYIDQ TRENVLVETL NHEMYEAKYV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

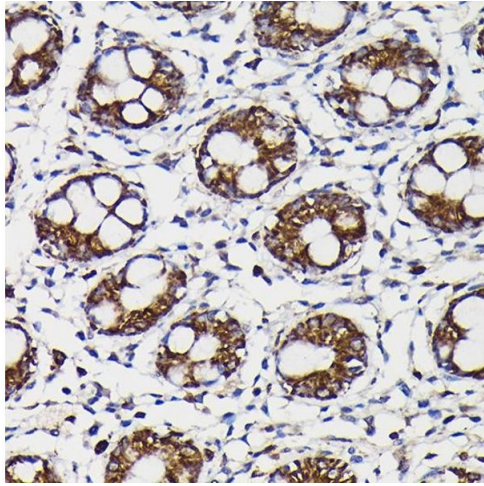
Target:	Monoamine Oxidase B (MAOB)
Alternative Name:	MAOB (MAOB Products)
Background:	<p>The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines 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.,MAOB,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,Drug metabolism,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,MAOB</p>
Molecular Weight:	46 kDa/58 kDa
Gene ID:	4129
UniProt:	P27338

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

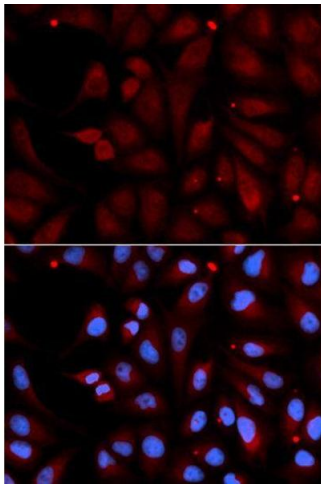
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



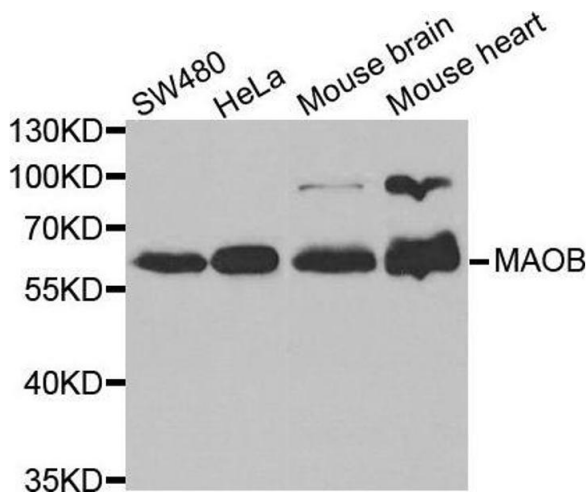
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon using Monoamine Oxidase B (MAOB) Rabbit pAb (ABIN3022151, ABIN3022152, ABIN3022153, ABIN1513172 and ABIN6218632) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cell using MAOB antibody. Blue: DAPI for nuclear staining.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using MAOB antibody.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3022152.