

## ARG63853 anti-MAOA antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes MAOA
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MAOA
Species	Human
Immunogen	C-DAPWEAQHADKWDK
Conjugation	Un-conjugated
Alternate Names	MAO-A; EC 1.4.3.4; Amine oxidase [flavin-containing] A; Monoamine oxidase type A

### Application Instructions

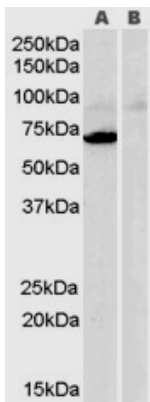
Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

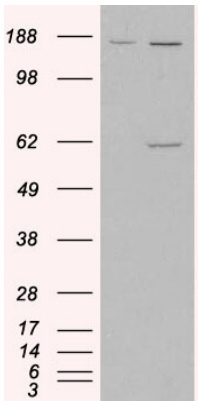
Database links	<a href="#">GeneID: 4128 Human</a> <a href="#">Swiss-port # P21397 Human</a>
Background	This gene is one of two neighboring gene family members that encode mitochondrial enzymes which catalyze the oxidative deamination of amines, such as dopamine, norepinephrine, and serotonin. Mutation of this gene results in Brunner syndrome. This gene has also been associated with a variety of other psychiatric disorders, including antisocial behavior. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]
Research Area	Neuroscience antibody
Calculated Mw	60 kDa

Images



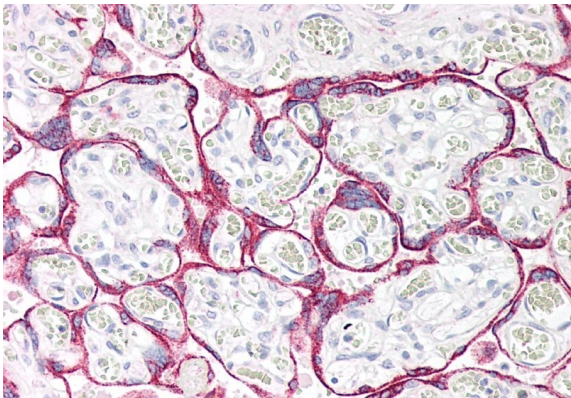
ARG63853 anti-MAOA antibody WB image

Western blot: Human heart lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. stained with ARG63853 anti-MAOA antibody at 0.3 µg/ml dilution.



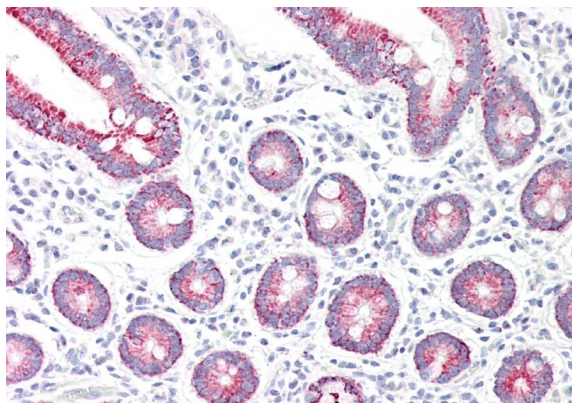
ARG63853 anti-MAOA antibody WB image

Western blot: 1). Mock transfection; 2) MAOA (RC207276) expressing plasmid transfected HEK293 cell lysate standed with ARG63853 anti-MAOA antibody.



ARG63853 anti-MAOA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63853 anti-MAOA antibody at 5 µg/ml dilution followed by AP-staining.



#### ARG63853 anti-MAOA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63853 anti-MAOA antibody at 5 µg/ml dilution followed by AP-staining.