

## MAOA Polyclonal Antibody

Catalog number: 10539-1-AP

Size: 20 µg/150 µl

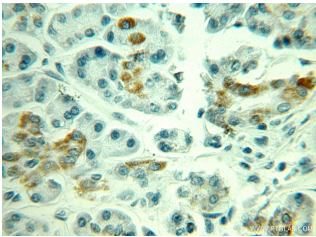
Source: Rabbit

Isotype: IgG

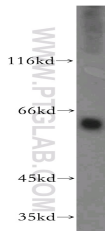
Synonyms:

MAOA; MAO A, MAOA,  
monoamine oxidase A,

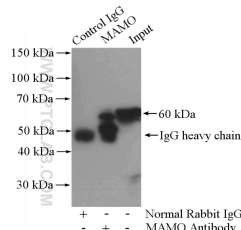
Monoamine oxidase type A



Immunohistochemical of paraffin-embedded human pancreas cancer using 10539-1-AP(MAOA antibody) at dilution of 1:100 (under 25x lens)



human placenta tissue were subjected to SDS PAGE followed by western blot with 10539-1-AP(MAOA antibody) at dilution of 1:300



IP Result of anti-MAOA (IP:10539-1-AP, 3µg; Detection:10539-1-AP 1:600) with human placenta tissue lysate 2800µg.

### Background

MAOA belongs to the flavin monoamine oxidase family. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human, mouse, rat
Calculated MAOA MW:	60 kDa
Observed MAOA MW:	60 kDa
Positive WB detected in	Human placenta tissue
Positive IP detected in	Human placenta tissue
Positive IHC detected in	Human pancreas cancer tissue, human kidney tissue, human liver tissue, human pancreas tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0821
GenBank accession number:	BC008064
Gene ID (NCBI):	4128
Full name:	Monoamine oxidase A

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.