



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06928 - Goat Anti-Monoamine Oxidase A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** monoamine oxidase A, HGNC:6833, MAOA, RP1-201D17\_\_B.2

**Official Symbol:** MAOA

**Accession Number(s):** NP\_000231.1

**Human GeneID(s):** [4128](#)

### Immunogen

Peptide with sequence C-DAPWEAQHADKWDK, from the internal region of the protein sequence according to NP\_000231.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

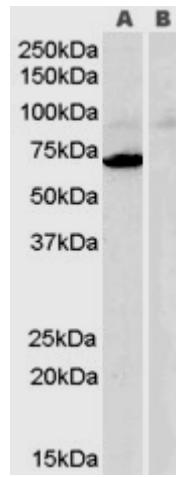
**Western blot:** Approx 70kDa band observed in Human Heart lysates (calculated MW of 60.0kDa according to NP\_000231.1). The user is warned for non-specific background in Western blot. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Placenta and Small Intestine. Recommended concentration: 5µg/ml.

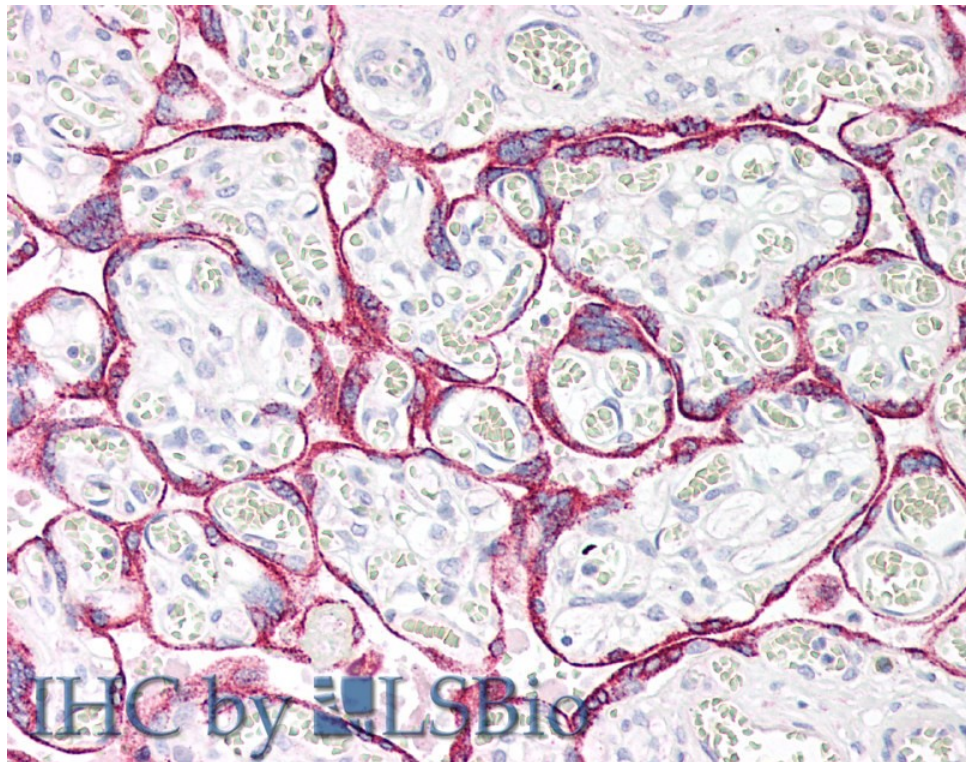
### Species Reactivity

**Tested:** Human

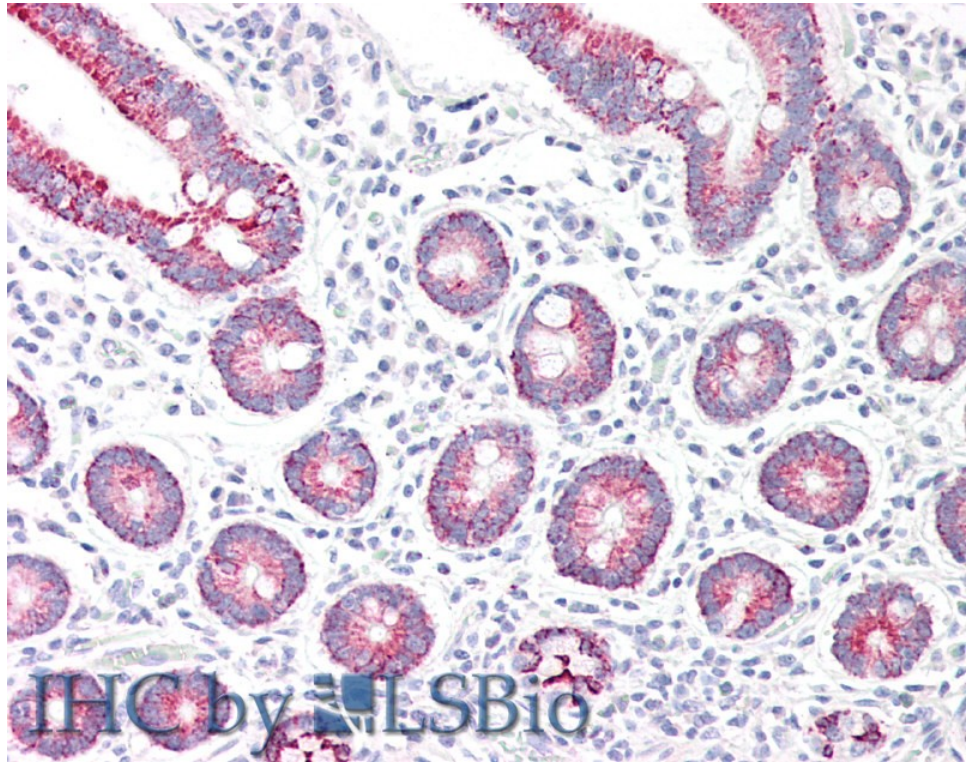
**Expected from sequence similarity:** Human



EB06928 (0.3 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Detected by chemiluminescence.



EB06928 (5 $\mu$ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06928 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.