



## UK Office

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

## EB08912 - Goat Anti-apolipoprotein A-IV (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Apoa4, apolipoprotein A-IV, Apoa-4

**Official Symbol:** Apoa4

**Accession Number(s):** NP\_031494.2

**Non-Human GeneID(s):** 11808 (mouse)

### Immunogen

Peptide with sequence C-QETERVKKEIKKELED, from the internal region of the protein sequence according to NP\_031494.2.

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 1:32000.

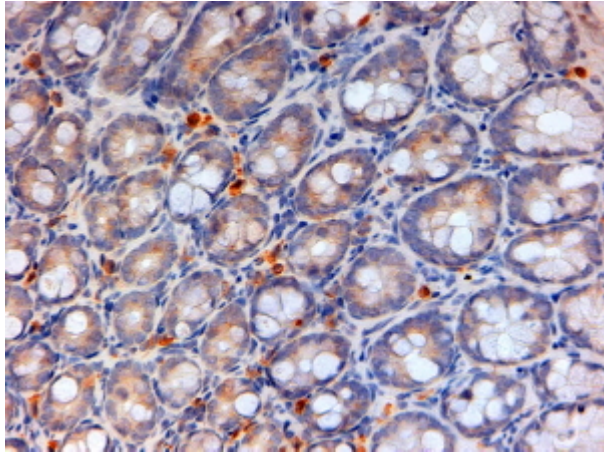
**Western blot:** Preliminary experiments in Mouse and Rat Liver lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

**IHC:** In paraffin embedded Mouse Colon shows staining of cells between the villi, consistent with the observations with the related EB07581. Recommended concentration: 2-4µg/ml.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Mouse, Rat



EB08912 (2 $\mu$ g/ml) staining of paraffin embedded Mouse Colon. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.