



## UK Office

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

## EB07581 - Goat Anti-APOA4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** APOA4, apolipoprotein A-IV, MGC142154, MGC142156

**Official Symbol:** APOA4

**Accession Number(s):** NP\_000473.2

**Human GeneID(s):** [337](#)

### Immunogen

Peptide with sequence C-KEKESQDKTSLP, from the internal region (near the C Terminus) of the protein sequence according to NP\_000473.2.

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 1:64000.

**Western blot:** Approx 45kDa band observed in Human Duodenum lysates (calculated MW of 45.4kDa according to NP\_000473.2). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB07581 (0.01µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07581 (2µg/ml) staining of paraffin embedded Human Intestine. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. **This data is from a previous batch, not on sale.**