



## International Office

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

## EB08747 - Goat Anti-APOA1BP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** APOA1BP, apolipoprotein A-I binding protein, AIBP, MGC119143, MGC119144, MGC119145, apoA-I binding protein

**Official Symbol:** NAXE

**Accession Number(s):** NP\_658985.2

**Human GeneID(s):** [128240](#)

**Non-Human GeneID(s):** 246703 (mouse), 295229 (rat)

### Immunogen

Peptide with sequence PPYPDTECVYRLQ, from the C Terminus of the protein sequence according to NP\_658985.2.

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 1:1000.

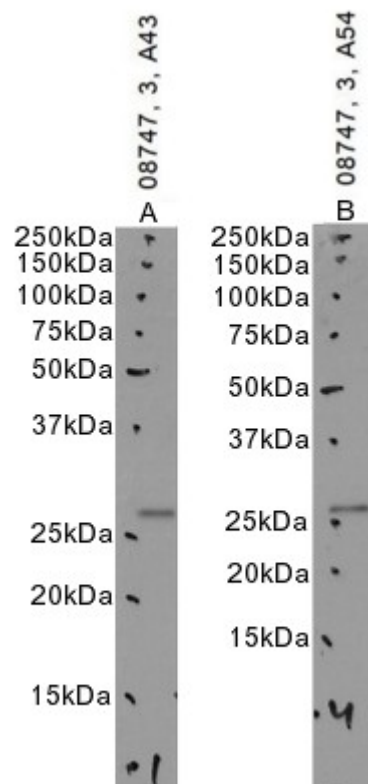
**Western blot:** Approx. 27kDa band observed in lysates of cell line A431, and approx. 26kDa in lysates of cell line A549 and in Human Heart lysates (calculated MW of 31.7kDa according to NP\_658985.2). Recommended concentration: 3µg/ml. Primary incubation 1 hour at room temperature.

**Flow Cytometry:** Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

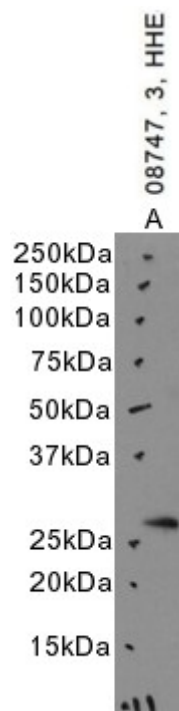
### Species Reactivity

**Tested:** Human

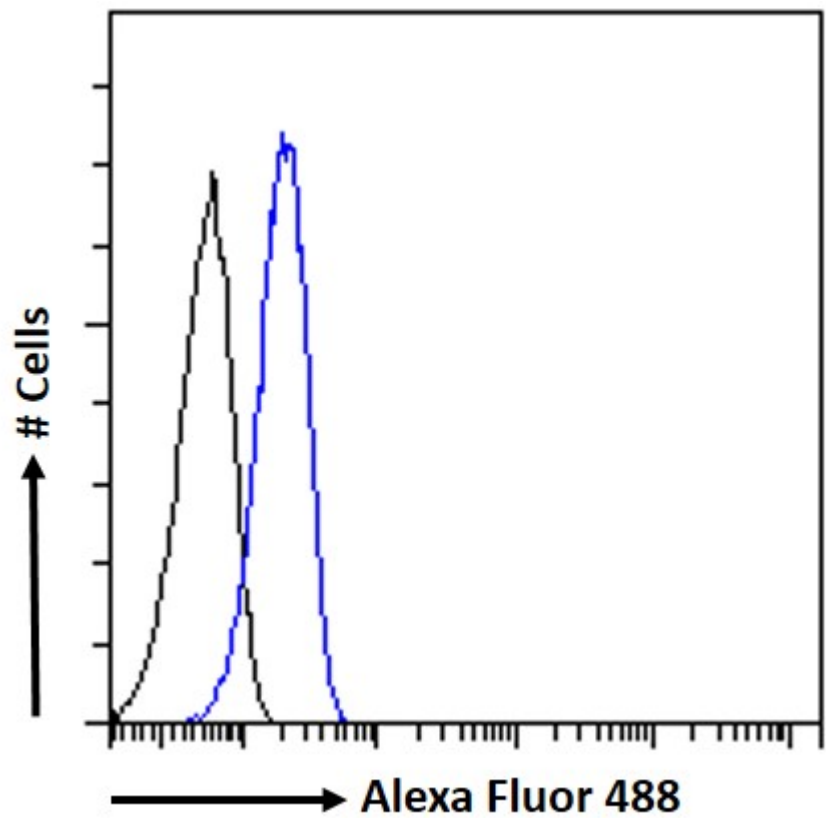
**Expected from sequence similarity:** Human, Cow



EB08747 optimised QC. Primary incubation 1 hour at room temperature.  
 Images A, B: A431 and A549 cell lysate at primary Ab concentration 3ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB08747 optimised QC. Primary incubation 1 hour at room temperature.  
 Image A: Human Heart lysate at primary Ab concentration 3ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB08747 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.