

## UK Office

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

## EB12113 - Goat Anti-CEBPB (aa68-81) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CEBPB, CCAAT/enhancer binding protein (C/EBP), beta, C/EBP-beta, CRP2, IL6DBP, LAP, NF-IL6, TCF5, CCAAT/enhancer-binding protein beta, TCF-5, interleukin 6-dependent DNA-binding protein, liver-enriched transcriptional activator protein, nuclear factor NF-IL6, nuclear factor of interleukin 6, transcription factor 5

**Official Symbol:** CEBPB

**Accession Number(s):** NP\_005185.2

**Human GeneID(s):** [1051](#)

**Non-Human GeneID(s):** 12608 (mouse), 24253 (rat)

### Immunogen

Peptide with sequence C-DHERAIDFSPYLEP, from the internal region of the protein sequence according to NP\_005185.2.

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

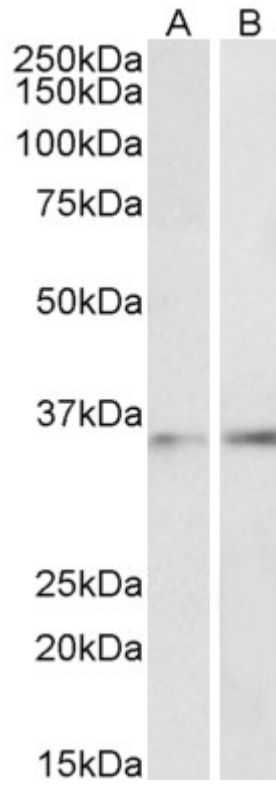
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 35kDa band observed in Human Skin and Pig Lung lysates, and in lysates of cell line NIH3T3 (calculated MW of 36.1kDa according to Human NP\_005185.2, 31.5kDa according to Mouse NP\_034013.1 and 36.2kDa according to Pig NP\_001186818.1). Recommended concentration: 1-3µg/ml.

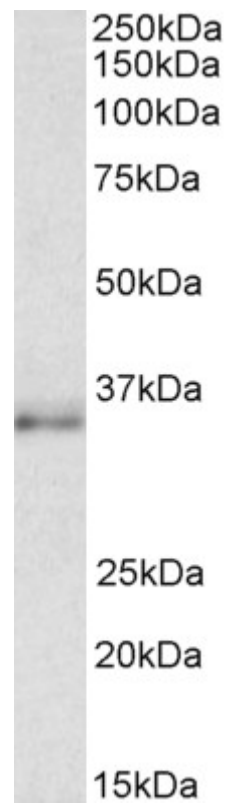
### Species Reactivity

**Tested:** Human, Mouse, Pig

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB12113 (1 $\mu$ g/ml) staining of Human Skin (A) and Pig Lung (B) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12113 (1 $\mu$ g/ml) staining of NIH3T3 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.