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

## EB07220 - Goat Anti-ZNF9 / CNBP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ZNF9, CNBP, zinc finger protein 9 (a cellular retroviral nucleic acid binding protein), HGNC:13164, CNBP1, DM2, PROMM, RNF163, Proximal myotonic myopathy nucleic acid binding protein, zinc finger protein 273, zinc finger protein 9

**Official Symbol:** CNBP

**Accession Number(s):** NP\_003409.1;; NP\_001120664.1;  
NP\_001120665.1;NP\_001120666.1

**Human GeneID(s):** [7555](#)

### Immunogen

Peptide with sequence GESGHLARECTIE, from the C Terminus of the protein sequence according to NP\_003409.1;; NP\_001120664.1; NP\_001120665.1;NP\_001120666.1.

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 1:8000.

**Western blot:** Approx 20kDa band observed in Human Skeletal Muscle lysates and in lysates of cell lines Daudi, MCF7, MOLT-4 and Neuro-2a (calculated MW of 19.5kDa according to Human NP\_003409.1 and Mouse NP\_038521.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

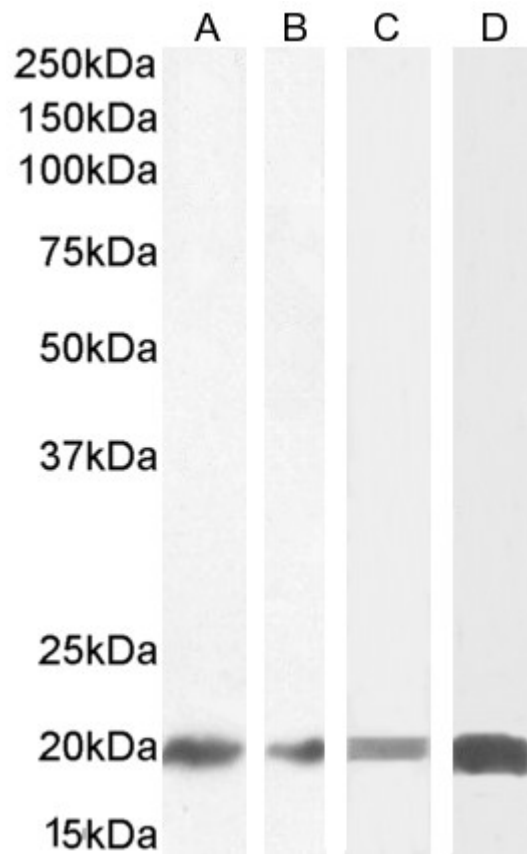
**Immunofluorescence:** Strong expression of the protein seen in MCF7 and Neuro-2a cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

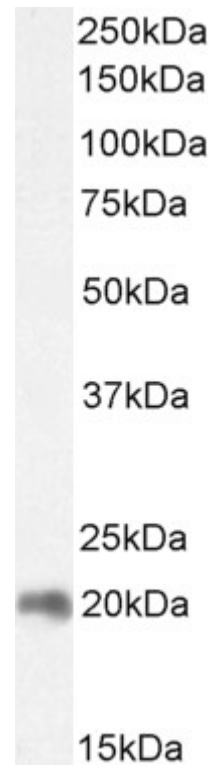
### Species Reactivity

**Tested:** Human, Mouse

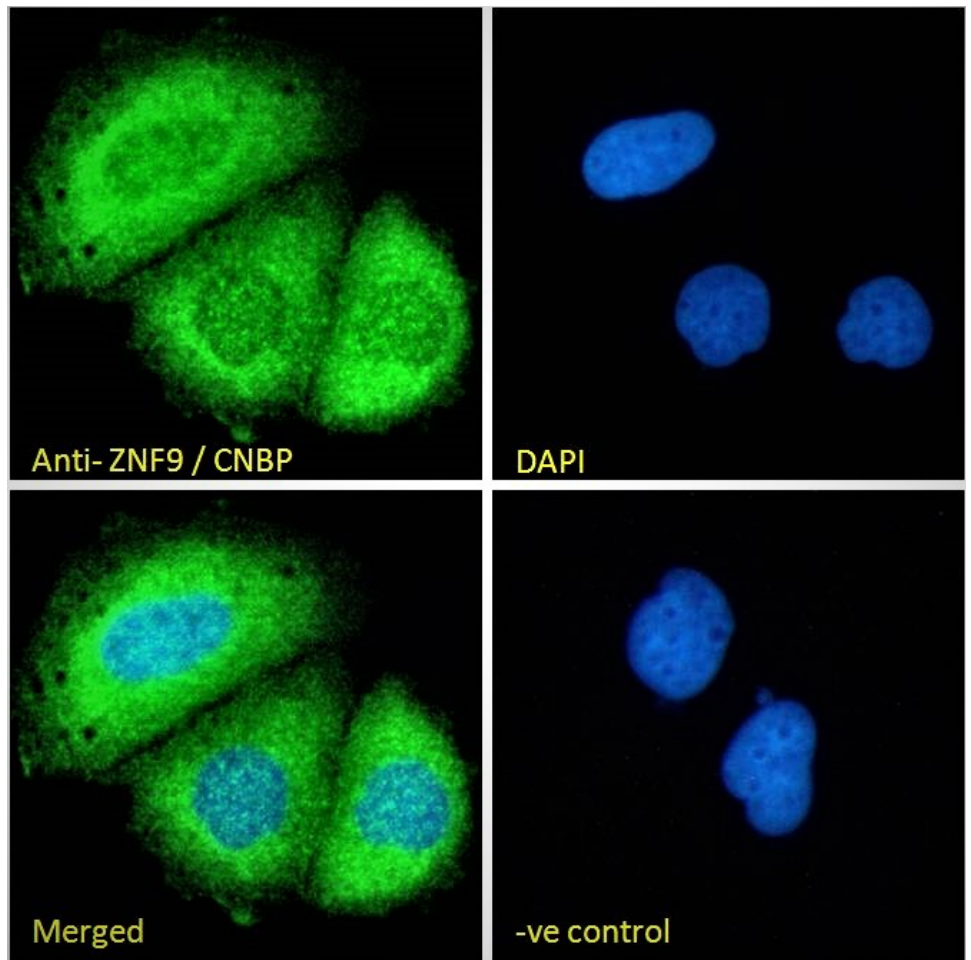
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



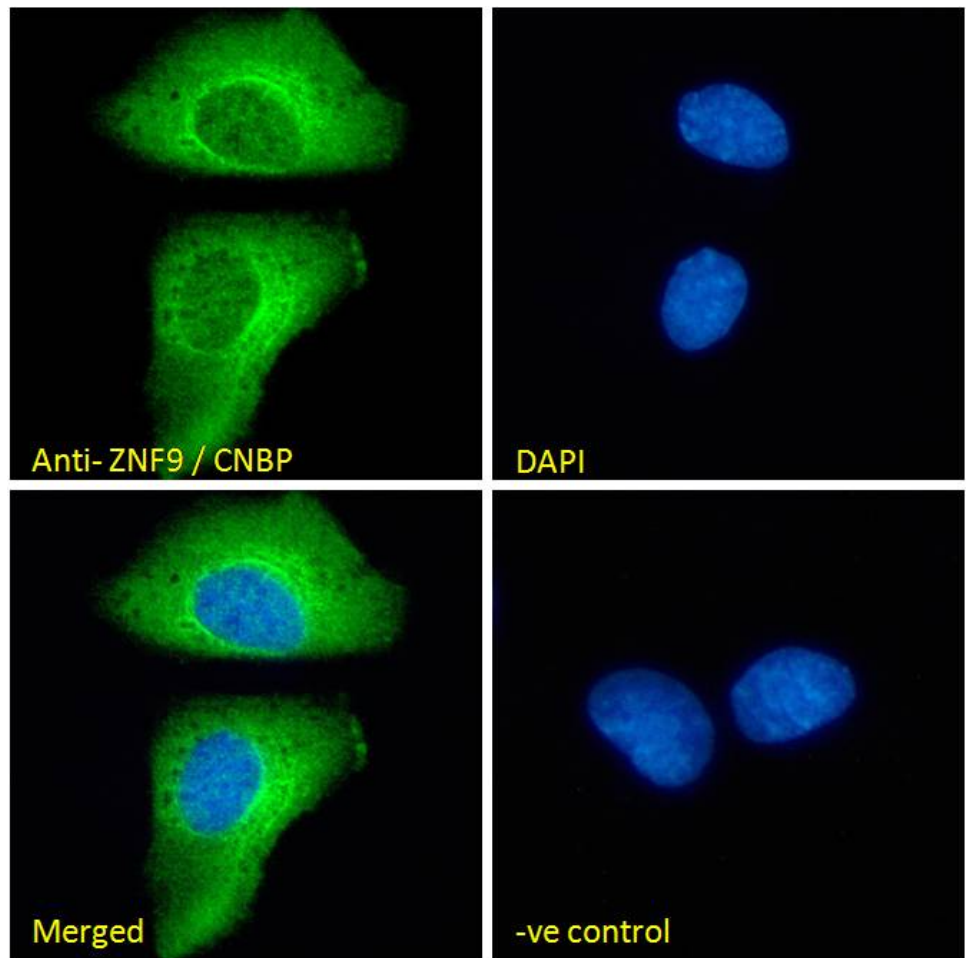
EB07220 (1 $\mu$ g/ml) staining of Daudi (A), MOLT-4 (B), MCF7 (C), and Neuro2a (D) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



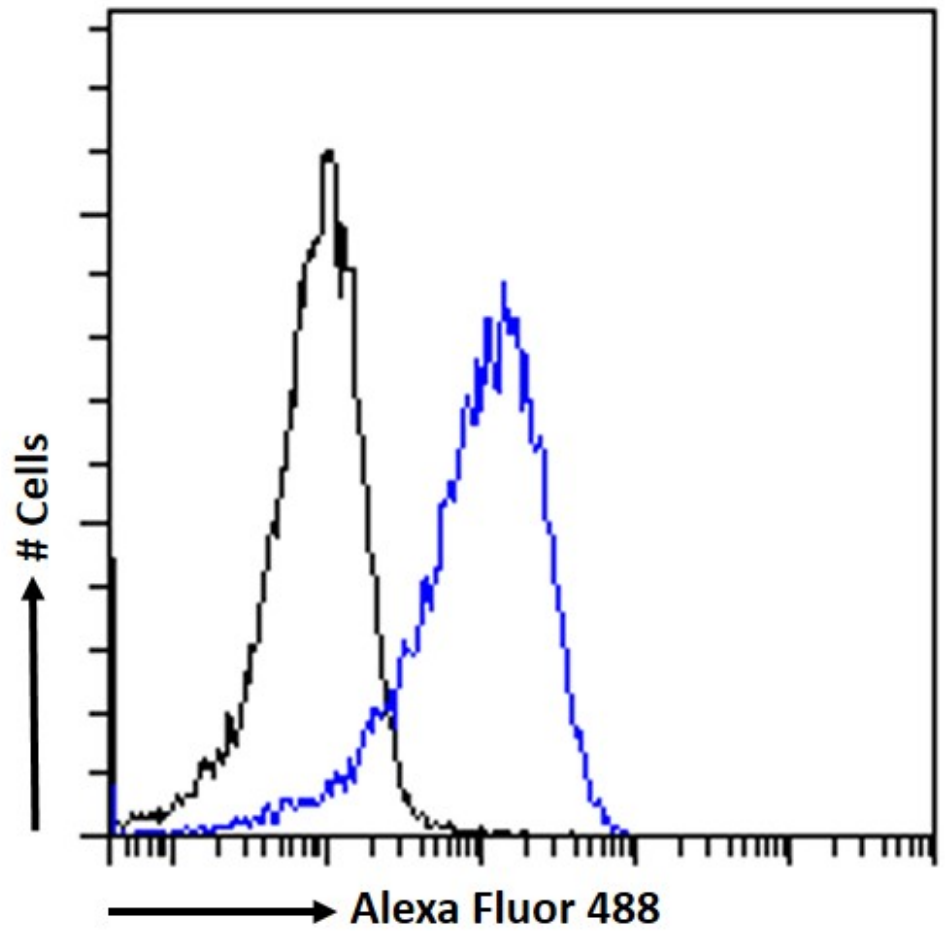
EB07220 (1 $\mu$ g/ml) staining of Human Skeletal Muscle lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07220 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07220 Immunofluorescence analysis of paraformaldehyde fixed Neuro-2a cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07220 Flow cytometric analysis of paraformaldehyde fixed MCF7 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.