International Office

Everest Biotech Ltd
Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:
customerservice@vectorlabs.com
Technical Service:
technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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.

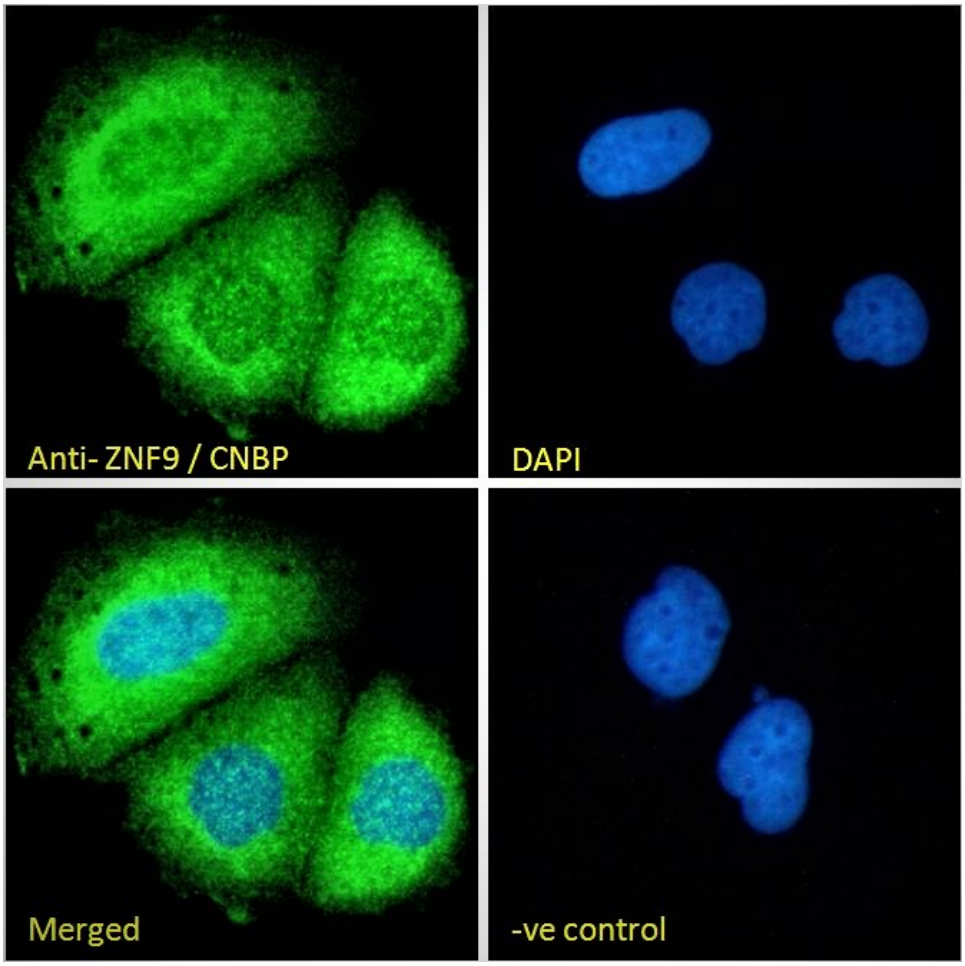
Flow Cytometry: Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

Species Reactivity

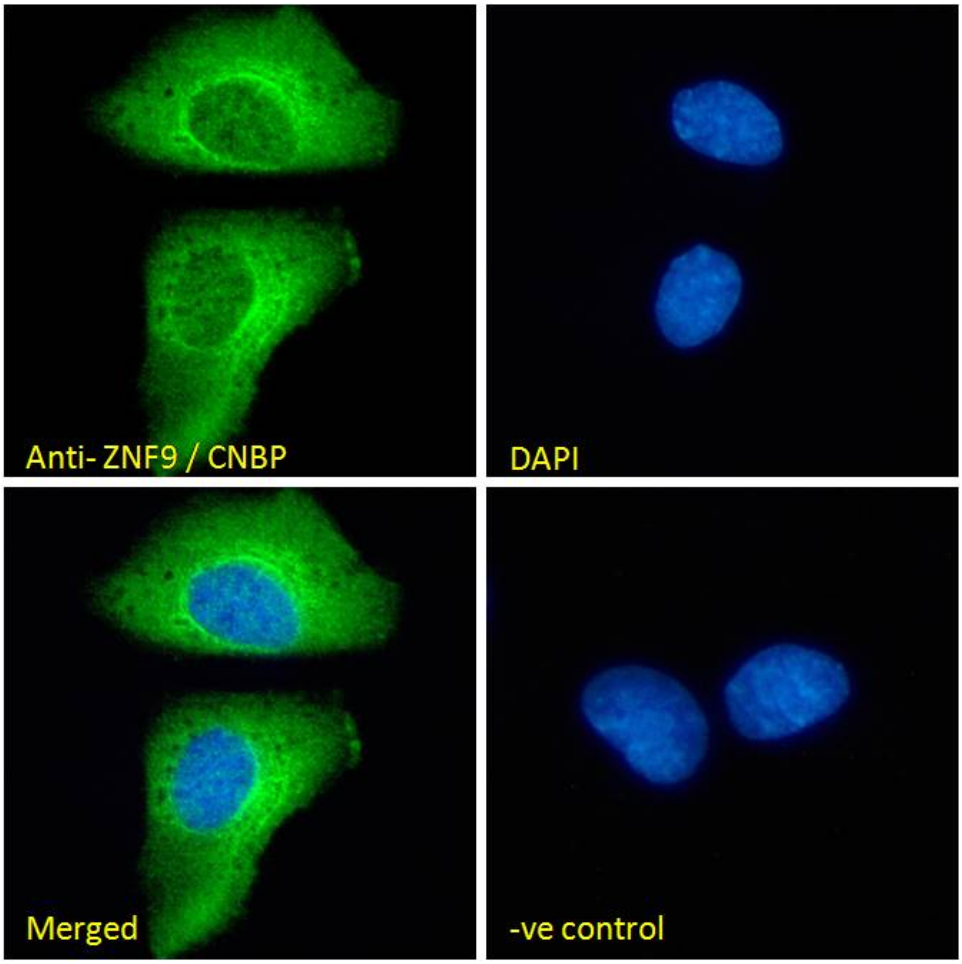
Tested: Human, Mouse
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

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

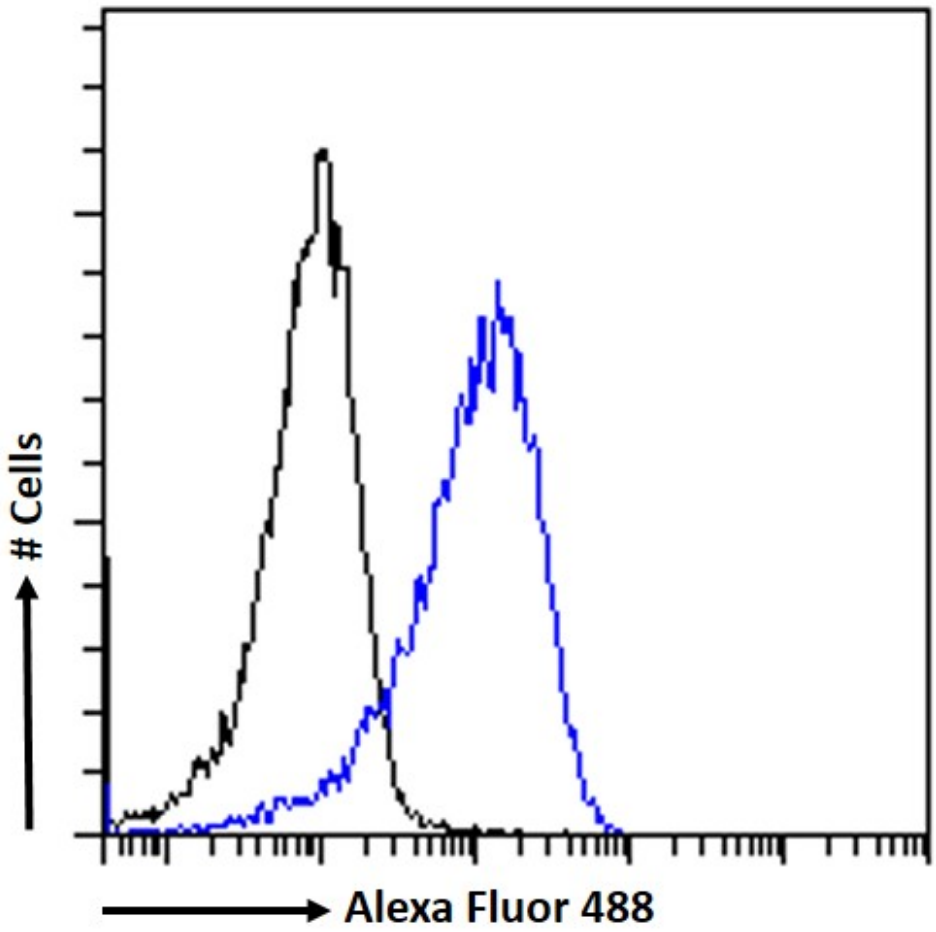
EB07220 (1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



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.