

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05366 - Goat Anti-CYBR / PSCDBP Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CYTIP, PSCDBP, CYBR, pleckstrin homology, Sec7 and coiled/coil domains, binding protein, HE, B3-1, CASP, cytohesin binding protein HE, cytohesin-1 interacting protein, pleckstrin homology, Sec7, and coiled-coil domains protein-binding protein, cytohesin 1 interacting protein, cytohesin binder and regulator, pleckstrin homology, Sec7 and coiled-coil domains, binding protein, pleckstrin homology, Sec7 and coiled/coil domains, binding protein, pleckstrin homology, Sec7 and coiled/coil domains, binding protein Official Symbol: CYTIP Accession Number(s): NP_004279.3 Human GenelD(s): <u>9595</u>

Immunogen

Peptide with sequence SLQRLLQHSSNGN-C, from the N Terminus of the protein sequence according to NP_004279.3.

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

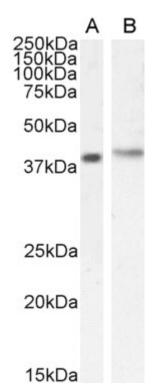
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 38kDa band observed in lysates of cell line Jurkat and approx 40kDa in ysates of cell line MOLT4 (calculated MW of 40kDa according to NP_004279.3). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

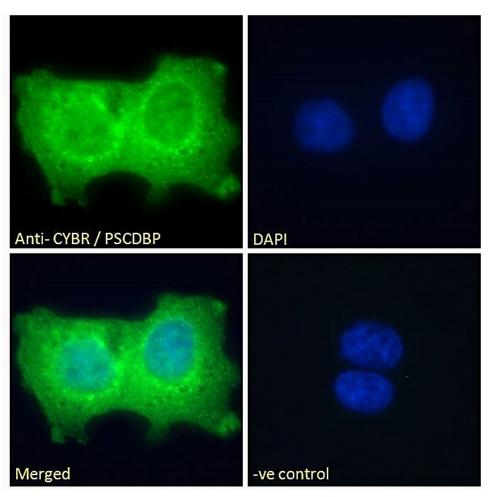
Immunofluorescence: Expression of the protein seen in the cytoplasm and nucleus of A431 and U251 cells. Recommended concentration: 10µg/ml.

Species Reactivity

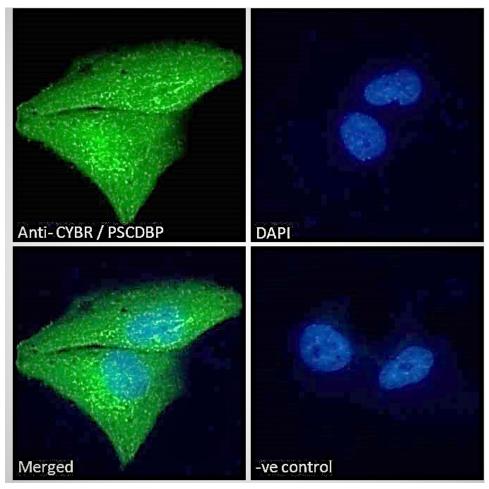
Tested: Human Expected from sequence similarity: Human, Dog, Pig



EB05366 (0.5µg/ml) staining of Jurkat (A) and (1ug/ml) MOLT4 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05366 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml)



EB05366 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong cytoplasmic and weak nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).