BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-CUEDC2 Antibody Picoband®

Catalog Number: PA1962

About CUEDC2

CUEDC2 (Cue Domain-Containing Protein 2) is involved in ubiquitin-and proteasome-mediated degradation of progesterone receptor (PR, or PGR) and estrogen receptor (ER)-alpha. Hartz (2011) mapped the CUEDC2 gene to chromosome 10q24.32 based on an alignment of the CUEDC2 sequence with the genomic sequence (GRCh37). Using coimmunoprecipitation analysis and protein pull-down assays, Zhang et al. (2007) confirmed that CUEDC2 interacted with the PRB isoform of PR. Mutation analysis revealed that the IF domain of PRB and the CUE domain of CUEDC2 were required for the interaction. CUEDC2 reduced PRB protein content and promoted progesterone-induced PRB degradation via the ubiquitin-proteasome pathway.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-CUEDC2 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CUEDC2 Antibody catalog # PA1962. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9H467

BOSTER
antibody and ELISA experts

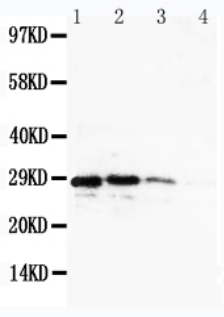
BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Technical Details

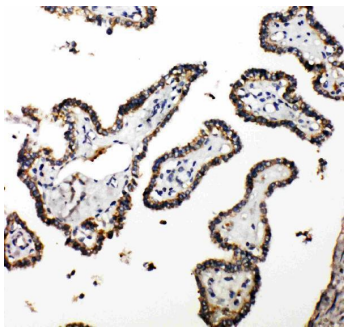
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CUEDC2, identical to the related mouse sequence, and different from the related rat sequence by one amino acid.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Mouse, Rat Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-CUEDC2 Antibody Picoband® (PA1962) Images



Anti-CUEDC2 antibody, PA1962, Western blottingRecombinant Protein Detection Source: E.coli derived -recombinant human CuEDC2, 28.9KD (162aa tag+ N197-H287)Lane 1: Recombinant Human CuEDC2 Protein 10ng Lane 2: Recombinant Human CuEDC2 Protein 5ng Lane 3: Recombinant Human CuEDC2 Protein 2.5ng Lane 4: Recombinant Human CuEDC2 Protein 1.25ng



Anti-CUEDC2 antibody, PA1962, IHC(P)IHC(P): Human Thyroid Cancer Tissue

Anti-CUEDC2 Antibody

For Research Use Only. Not for use in diagnostic procedures.