

Rabbit CUEDC2 Polyclonal Antibody | anti-CUEDC2 antibody

Anti-CUEDC2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45375	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

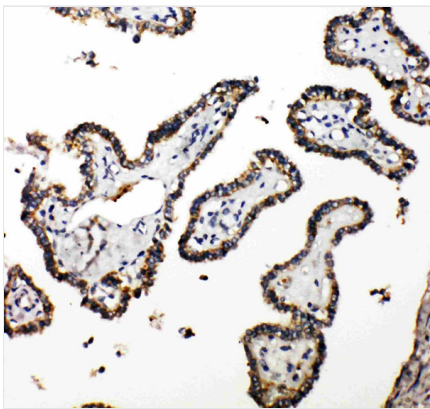
PRODUCT SYNONYMS

CUEDC2; Polyclonal Antibody; Anti-CUEDC2 antibody; CUE domain-containing protein 2; CUE domain containing 2; bA18I14.5 antibody; C10orf66 antibody; Chromosome 10 open reading frame 66 antibody; CUE domain containing 2 antibody; CUE domain-containing protein 2 antibody; CUED2 antibody; CUED2_HUMAN antibody; Cuedc2 antibody; MGC2491 antibody; OTTHUMP00000020368 antibody; anti-CUEDC2 antibody

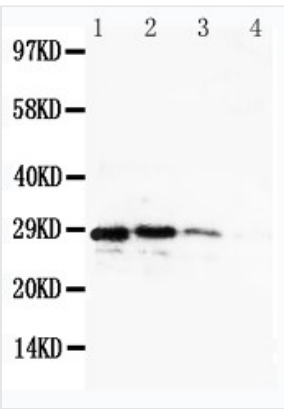
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	287
Applicable Applications for anti-CUEDC2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CUEDC2 (267-287aa EAEEMKATYINLK PARKYRFH), identical to the related mouse sequence, and different from the related rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-CUEDC2 antibody, AAA45375, IHC(P)IHC(P): Human Thyroid Cancer Tissue



WB (Western Blot)
Anti-CUEDC2 antibody, AAA45375, Western blottingRecombinant Protein Detection Source: E.coli derived -recombinant human CuEDC2, 28.9KD(162aa tag+ N197-H287)Lane 1: Recombinant Human CuEDC2 Protein 10ngLane 2: Recombinant Human CuEDC2 Protein 5ngLane 3: Recombinant Human CuEDC2 Protein 2.5ngLane 4: Recombinant Human CuEDC2 Protein 1.25ng

ADDITIONAL INFORMATION

Related Product Information for anti-CUEDC2 antibody

Description: Rabbit IgG polyclonal antibody for CUE domain-containing protein 2(CUEDC2) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74752634
NCBI GeneID	79004
UniProt Accession #	Q9H467; Q9BWG8; D3DR88
Molecular Weight	32,009 Da
NCBI Official Full Name	CUE domain-containing protein 2
NCBI Official Synonym Full Names	CUE domain containing 2
NCBI Official Symbol	CUEDC2
NCBI Official Synonym Symbols	C10orf66; bA18I14.5
NCBI Protein Information	CUE domain-containing protein 2
UniProt Protein Name	CUE domain-containing protein 2
UniProt Gene Name	CUEDC2
UniProt Synonym Gene Names	C10orf66
UniProt Entry Name	CUED2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

