

Rabbit CUEDC2 Polyclonal Antibody | anti-CUEDC2 antibody

CUEDC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39749	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

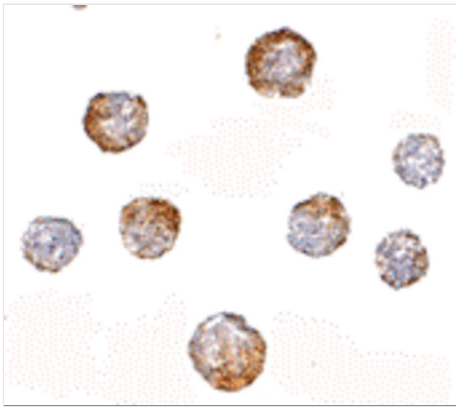
PRODUCT SYNONYMS

CUEDC2; Polyclonal Antibody; CUEDC2 Antibody; C10orf66; bA18l14.5; HOYS6; CUE domain-containing protein 2; CUE domain containing 2; anti-CUEDC2 antibody

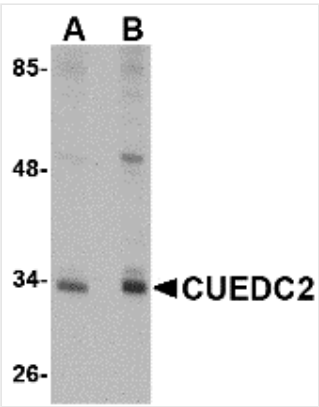
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CUEDC2 antibody will not cross-react with CUEDC1.
Purity/Purification	CUEDC2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	287
Applicable Applications for anti-CUEDC2 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CUEDC2 antibody was raised against a 19 amino acid synthetic peptide from near the carboxy terminus of human CUEDC2.
Buffer	CUEDC2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CUEDC2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of CUEDC2 in HeLa cells with CUEDC2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of CUEDC2 in HeLa cell lysate with CUEDC2 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CUEDC2 antibody	CUEDC2 Antibody: The CUE (coupling of ubiquitin conjugation to endoplasmic reticulum degradation) domain is an evolutionarily conserved, ~40 amino acid monoubiquitin-binding domain that mediates intramolecular monoubiquitylation. CUE domains are present in eukaryotic proteins that are involved in ubiquitination and protein trafficking pathways and may be required for ubiquitination of the proteins in which they are found. CUEDC2 (CUE domain-containing protein 2) was found through a yeast two-hybrid screening as a protein that interacts with the progesterone receptor (PR) and promotes progesterone-induced PR degradation by the ubiquitin-proteasome pathway. CUEDC2 also decreases the sumoylation of PR. CUEDC2 has also been found to interact with IKK-alpha and IKK-beta and decrease the activation of NF-?B by decreasing the activation of IKK.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596996
NCBI GeneID	79004
NCBI Accession #	NP_076945
NCBI GenBank Nucleotide #	NM_024040.2
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.

