

Product datasheet for **TA306660**

CUEDC2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CUEDC2 antibody was raised against a 19 amino acid peptide from near the carboxy terminus of human CUEDC2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CUE domain containing 2
Database Link:	NP_076945 Entrez Gene 67116 Mouse Entrez Gene 294009 Rat Entrez Gene 79004 Human Q9H467



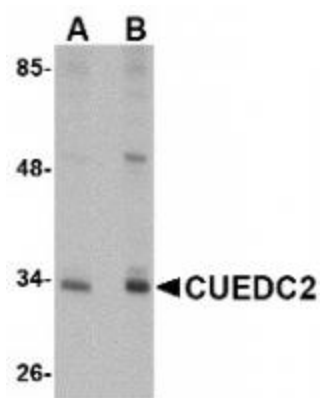
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Background:

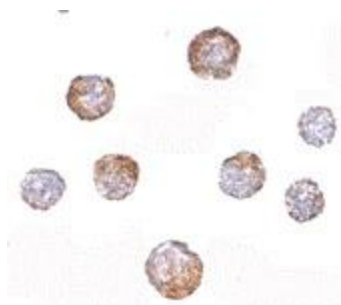
The CUE (coupling of ubiquitin conjugation to endoplasmic reticulum degradation) domain is an evolutionarily conserved, ~40 amino acid monoubiquitin-binding domain that mediates intramolecular monoubiquitylation. CUE domains are present in eukaryotic proteins that are involved in ubiquitination and protein 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-a and IKK-b and decrease the activation of NF-kB by decreasing the activation of IKK. CUEDC2 antibody will not cross-react with CUEDC1.

Synonyms:

bA18I14.5; C10orf66

Product images:

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



Immunocytochemistry of CUEDC2 in HeLa cells with CUEDC2 antibody at 5 ug/mL.