

**CUEDC2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6803b****Specification**

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**CUEDC2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9H467](#)**CUEDC2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79004**Other Names**

CUE domain-containing protein 2, CUEDC2, C10orf66

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6803b](/products/AP6803b) was selected from the C-term region of human CUEDC2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CUEDC2 Antibody (C-term) Blocking Peptide - Protein Information****Name** CUEDC2**Synonyms** C10orf66**Function**

Down-regulates ESR1 protein levels through the ubiquitination-proteasome pathway, regardless of the presence of 17 beta-estradiol. Also involved in 17 beta-estradiol-induced ESR1 degradation. Controls PGR protein levels through a similar mechanism.

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Significantly up-regulated in breast tumor tissues compared with matched adjacent normal tissues (at protein level) Levels inversely correlate with ESR1 in breast cancers and are lower in low-grade

tumors compared to high-grade tumors

### **CUEDC2 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **CUEDC2 Antibody (C-term) Blocking Peptide - Images**

### **CUEDC2 Antibody (C-term) Blocking Peptide - Background**

CUEDC2 controls PGR and ESR1 protein levels through their targeting for ubiquitination and subsequent proteasomal degradation.

### **CUEDC2 Antibody (C-term) Blocking Peptide - References**

Grupe,A., et.al., Am. J. Hum. Genet. 78 (1), 78-88 (2006)