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CUEDC2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6803b

Specification

CUEDC2 Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q9H467
Other Accession	A1L131, Q9CXX9, Q3ZBN4
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**32009**
Antigen Region	**239-267**

CUEDC2 Antibody (C-term) - Additional Information

Gene ID 79004

Other Names
CUE domain-containing protein 2, CUEDC2, C10orf66

Target/Specificity
This CUEDC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-267 amino acids from the C-terminal region of human CUEDC2.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CUEDC2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CUEDC2 Antibody (C-term) - 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

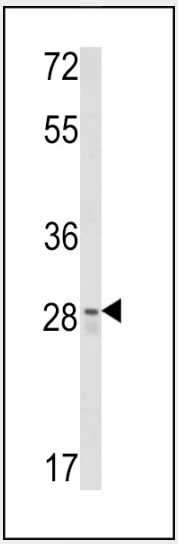
Tissue Location
Significantly up-regulated in breast tumor tissues compared with matched adjacent normal tissues (at protein level) Levels inversely correlate with ESR1 in breast cancers and are lower in low-grade tumors compared to high-grade tumors

CUEDC2 Antibody (C-term) - Protocols

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

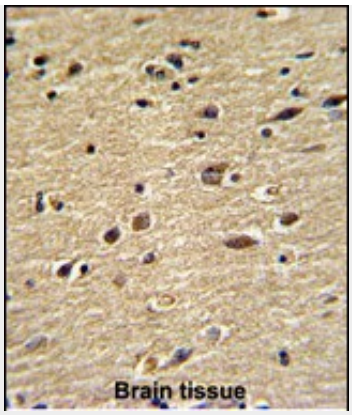
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CUEDC2 Antibody (C-term) - Images

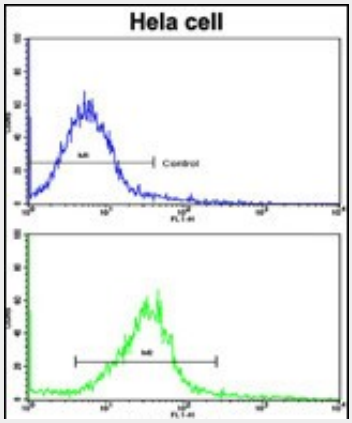


Western blot analysis of CUEDC2 Antibody (C-term) (Cat. #AP6803b) in Y79 cell line lysates (35ug/lane). CUEDC2 (arrow) was detected using the purified Pab.

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Formalin-fixed and paraffin-embedded human brain with CUEDC2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of hela cells using CUEDC2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CUEDC2 Antibody (C-term) - Background

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

CUEDC2 Antibody (C-term) - References

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