

Allgemeine Informationen

Katalog-Nr.:

20123-1-AP

Größe:

150ul, Konzentration: 800 µg/ml von Nanodrop und 347 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG13847

GenBank-Zugangsnummer:

BC000262

GeneID (NCBI):

79004

Vollständiger Name:

CUE domain containing 2

Berechnete Masse:

287 aa, 32 kDa

Beobachtete Masse:

32 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:400-1:1600

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HepG2-Zellen, HeLa-Zellen, humanes

Hirngewebe, humanes Nierengewebe, Jurkat-Zellen, Maushirngewebe, Mausnierengewebe

IP: Maushirngewebe,

IHC: humanes Ovarialkarzinomgewebe, humanes malignes Melanomgewebe, humanes Mammakarzinomgewebe

IF: HeLa-Zellen,

Hintergrundinformationen

CUE domain-containing 2 (CUEDC2) is a ubiquitin-binding motif-containing protein involved in the regulation of the cell cycle, inflammation, and tumorigenesis. It is ubiquitously expressed in human tissues and organs, not only highly expressed in the normal brain, heart and testis, but also some kinds of cancers, such as breast, ovarian and kidney cancers. CUEDC2 could act as an adaptor protein to target IκB kinase (IKK) for dephosphorylation and inactivation by recruiting protein phosphatase (PP1), and thus repressed activation of the transcription factor NF-κB. Moreover, CUEDC2, is a key factor in endocrine resistance in breast cancer.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

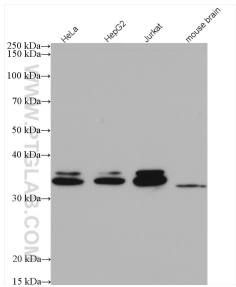
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

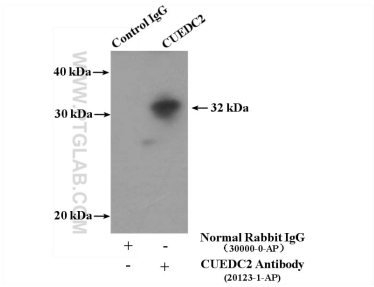
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

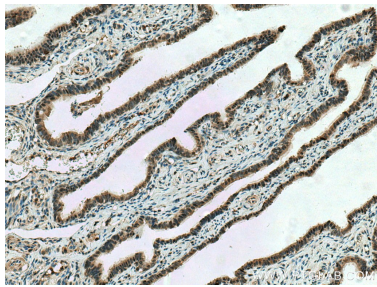
Ausgewählte Validierungsdaten



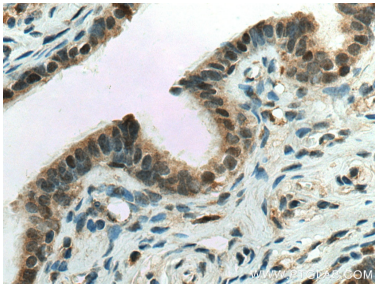
Various lysates were subjected to SDS PAGE followed by western blot with 20123-1-AP (CUEDC2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



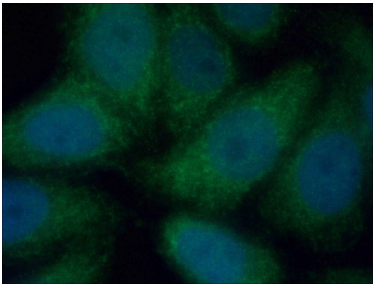
IP Result of anti-CUEDC2 (IP:20123-1-AP, 4ug; Detection:20123-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 20123-1-AP (CUEDC2 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 20123-1-AP (CUEDC2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 20123-1-AP (CUEDC2 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).