

Allgemeine Informationen

Katalog-Nr.:
27194-1-AP

Größe:
150ul, Konzentration: 800 µg/ml von
Nanodrop und 367 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG25794

GenBank-Zugangsnummer:
BC025243

GeneID (NCBI):
83987

Vollständiger Name:
coiled-coil domain containing 8

Beobachtete Masse:
90 kDa, 59 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

Getestete Reaktivität:

Human

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

Positivkontrollen:

WB: HEK-293-Zellen,

IP: HEK-293-Zellen,

IHC: humanes Lungenkarzinomgewebe,

Hintergrundinformationen

Coiled-coil domain-containing protein 8 (CCDC8) is a 538-amino acid protein with the molecular mass of 59kD and 90kD cause of the posttranslational modifications including amidation, glycosylation, phosphorylation, and myristalation (PMID: 21737058). CCDC8 has 2 coiled-coil domains, and the proteins containing this domain are involved in diverse biological processes, such as the regulation of gene expression, cell division, and membrane fusion. CCDC8 is evolutionarily conserved, and CCDC8 mutation leads to the development of 3M syndrome in humans, a primordial growth disorder, by interacting with CUL7, OBSL1, and P53. Low-level or no expression of CCDC8 was shown to be closely related to the development of some tumors, such as renal cell carcinoma, multiple myeloma, breast cancer, and prostate cancer (PMID: 21737058, 27342910).

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

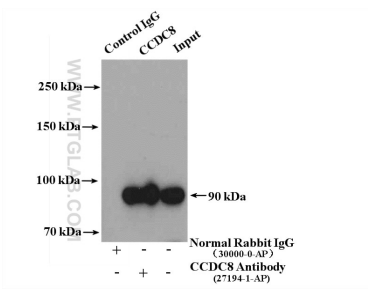
For technical support and original validation data for this product please contact:

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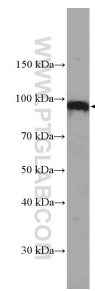
E: proteintech@ptglab.com
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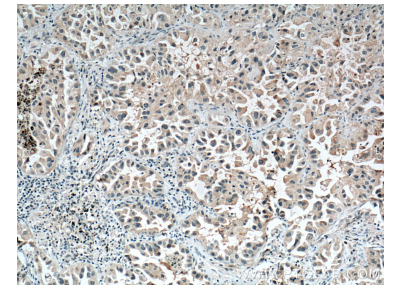
Ausgewählte Validierungsdaten



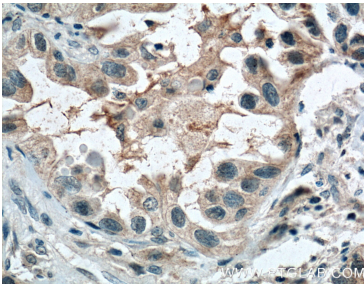
HEK-293 cells were subjected to SDS PAGE followed by western blot with 27194-1-AP (CCDC8 antibody) at dilution of 1:300.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 27194-1-AP (CCDC8 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 27194-1-AP (CCDC8 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 27194-1-AP (CCDC8 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).