

Nur für Forschungszwecke

NDRG1 Polyklonaler Antikörper

Katalog-Nr.:26902-1-AP

Vorgestelltes Produkt

10 Publikationen



Allgemeine Informationen

| | | |
|--|--|--|
| Katalog-Nr.: 26902-1-AP | GenBank-Zugangsnummer: BC006260 | Reinigungsmethode: Antigen-Affinitätsreinigung |
| Größe: 150ul , Konzentration: 950 µg/ml von Nanodrop und 467 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 10397 | Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:400-1:1600 IF 1:50-1:500 |
| Wirt: Kaninchen | Vollständiger Name: N-myc downstream regulated 1 | |
| Isotyp: IgG | Berechnete Masse: 43 kDa | |
| Immunogen Katalognummer: AG25424 | Beobachtete Masse: 43 kDa | |

Anwendungen

| | |
|---|---|
| Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA | Positivkontrollen: WB : HEK-293-Zellen, HeLa-Zellen |
| In Publikationen genannte Anwendungen: IF, IHC, IP, WB | IHC : humanes Kolonkarzinomgewebe, |
| Getestete Reaktivität: Human | IF : HeLa-Zellen, |
| Zitierte Arten: Human, Maus | |
| Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen. | |

Hintergrundinformationen

NDRG1 is a member of the N-myc down-regulated gene family which belongs to the alpha/beta hydrolase superfamily. NDRG1 is a highly conserved cytoplasmic protein involved in cell growth arrest and proliferation, cell differentiation, DNA damage response, heavy metal response, the hypoxia response, tumorigenesis, and metastasis. NDRG1 is a potent metastasis suppressor in multiple tumor-types. NDRG1 appears to serve as a putative tumor suppressor and is down-regulated in colorectal, gastric, cervical, ovarian and prostate cancers.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|---------------------|-----------|-------------------|-----------|
| Callum Tromans-Coia | 34508355 | Nucleic Acids Res | WB |
| Yuyang Liu | 30922920 | Exp Cell Res | WB,IHC |
| Elodie Villa | 33756106 | Mol Cell | WB |

Lagerung

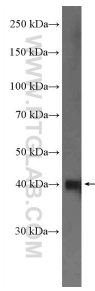
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

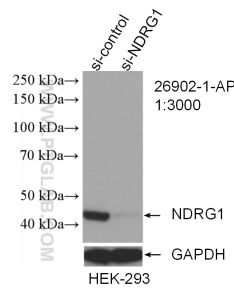
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

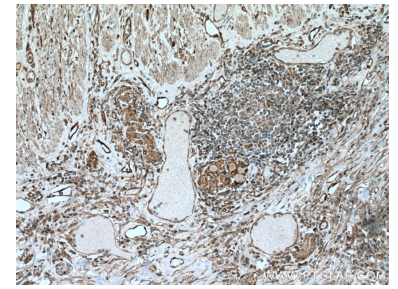
Ausgewählte Validierungsdaten



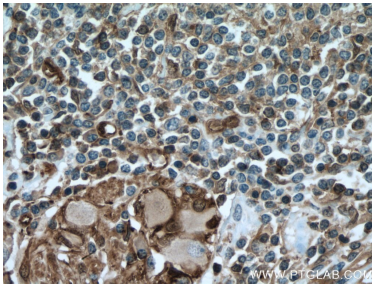
HEK-293 cells were subjected to SDS PAGE followed by western blot with 26902-1-AP (NDRG1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



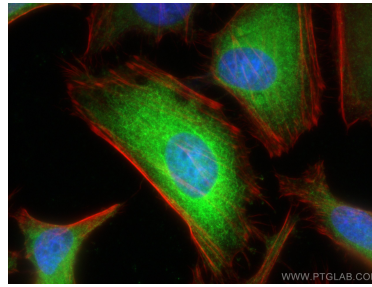
WB result of NDRG1 antibody (26902-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NDRG1 transfected HEK-293 cells.



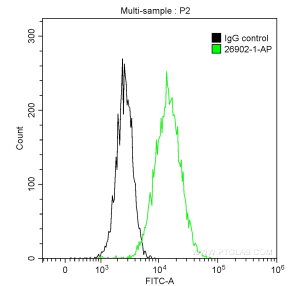
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26902-1-AP (NDRG1 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26902-1-AP (NDRG1 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 NDRG1 antibody (26902-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Anti-Human NDRG1 (26902-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.