

Nur für Forschungszwecke

PCSK9 Polyklonaler Antikörper

Katalog-Nr.:55206-1-AP

Vorgestelltes Produkt

35 Publikationen



Allgemeine Informationen

Katalog-Nr.: 55206-1-AP	GenBank-Zugangsnummer: NM_174936	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 255738	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:250-1:1000
Wirt: Kaninchen	Vollständiger Name: proprotein convertase subtilisin/kexin type 9	
Isotyp: IgG	Berechnete Masse: 74 kDa	
	Beobachtete Masse: 58-62 kDa, 72-78 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Ratte

Zitierte Arten:

Hamster, Human, Ratte

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

Positivkontrollen:

WB : COLO 320-Zellen, HepG2-Zellen, Rattenhirngewebe, SMMC-7721-Zellen

IHC : humanes Kolonkarzinomgewebe,

Hintergrundinformationen

Proprotein convertase subtilisin/kexin type 9 (PCSK9) is a crucial protein governing the circulating levels of low density lipoprotein-cholesterol (LDL-C), by virtue of its pivotal role in the degradation of the LDL receptor (LDLR). PCSK9 is expressed in the kidney and lung. It is synthesized as a 72 kDa immature precursor that undergoes autocatalytic cleavage in the endoplasmic reticulum to generate a 63 kDa mature protein. The cleaved N-terminal fragment remains associated with the mature protein and is necessary for its secretion, allowing it to circulate in the blood. The ability of PCSK9 to regulate a diverse group of cell-surface proteins hinted that it might also be able to influence additional membrane proteins that are important in anti-tumour immune responses. Targeting PCSK9 to treat cancer is also attractive because two neutralizing antibodies against it, evolocumab and alirocumab, have already been approved for human clinical use to lower cholesterol levels. (PMID: 30522786, PMID: 22493497)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Haiyan He	36125039	Food Funct	WB
Chiara Barisione	34576046	Int J Mol Sci	WB,IHC,IF
Dandan Wang	32913121	J Biol Chem	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

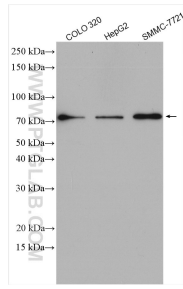
For technical support and original validation data for this product please contact:

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

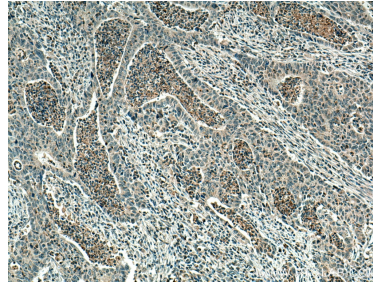
E: proteintech@ptglab.com
W: ptglab.com

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

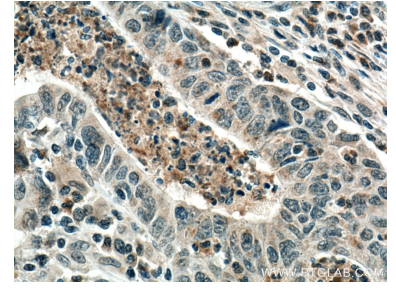
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 55206-1-AP (PCSK9 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55206-1-AP (PCSK9 antibody) at dilution of 1:500 (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 55206-1-AP (PCSK9 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).