

Allgemeine Informationen

Katalog-Nr.:
10658-3-AP

Größe:
150ul , Konzentration: 500 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1017

GenBank-Zugangsnummer:
BC007576

GeneID (NCBI):
10768

Vollständiger Name:
S-adenosylhomocysteine hydrolase-like 1

Berechnete Masse:
65 kDa

Beobachtete Masse:
60 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
IHC 1:100-1:400
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte

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

Positivkontrollen:

WB : Jurkat-Zellen, HeLa-Zellen, Maus-Thymusgewebe

IP : HeLa-Zellen,

IHC : humanes Leberkarzinomgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

S-adenosylhomocysteine hydrolase-like protein 1 (AHCYL1), also known as IP3 receptor-binding protein released with IP3 (IRBIT), regulates IP3-induced Ca²⁺ release into the cytoplasm of cells(PMID:23145124). This protein is also named as DCAL, XPVKONA and belongs to the adenosylhomocysteinase family. AHCYL1 mRNA and protein are most abundant in the glandular epithelium of adenocarcinoma of cancerous, but not normal and AHCYL1 protein is predominantly in the nucleus(PMID:22826361). It has 2 isoforms produced by alternative splicing.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yimin Jia	27648945	J Agric Food Chem	WB
Demin Cai	27763549	Nutrients	WB
Xinwei Liu	33039524	Neuroscience	WB,IP

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**

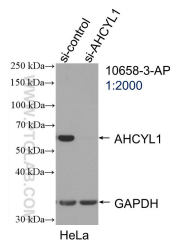
For technical support and original validation data for this product please contact:

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

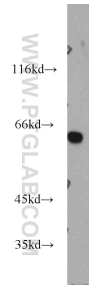
E: proteintech@ptglab.com
W: ptglab.com

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

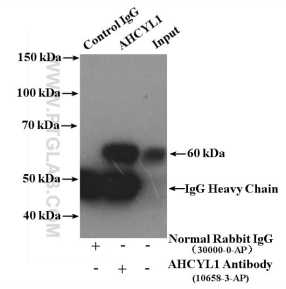
Ausgewählte Validierungsdaten



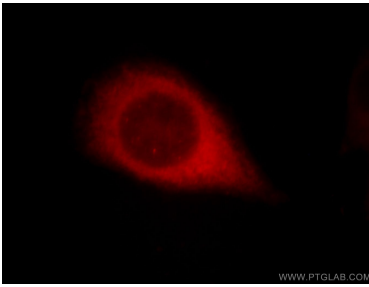
WB result of AHCYL1 antibody (10658-3-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AHCYL1 transfected HeLa cells.



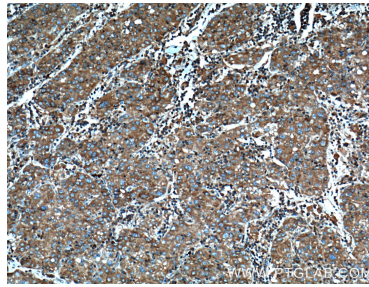
Jurkat cells were subjected to SDS PAGE followed by western blot with 10658-3-AP (AHCYL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



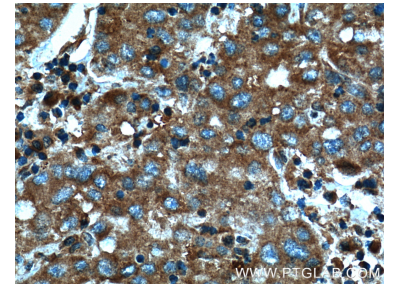
IP Result of anti-AHCYL1 (IP:10658-3-AP, 4ug; Detection:10658-3-AP 1:1000) with HeLa cells lysate 2400ug.



Immunofluorescent analysis of HeLa cells, using AHCYL1 antibody 10658-3-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10658-3-AP (AHCYL1 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 liver cancer tissue slide using 10658-3-AP (AHCYL1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).