

Nur für Forschungszwecke

FSTL1 Polyklonaler Antikörper

Katalog-Nr.:20182-1-AP

Vorgestelltes Produkt

12 Publikationen



Allgemeine Informationen

Katalog-Nr.:
20182-1-AP

Größe:
150ul, Konzentration: 347 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG14057

GenBank-Zugangsnummer:
BC000055

GeneID (NCBI):
11167

Vollständiger Name:
follistatin-like 1

Berechnete Masse:
308 aa, 35 kDa

Beobachtete Masse:
35-40 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

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

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Ratte

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.

Positivkontrollen:

WB : A2780-Zellen, A431-Zellen, C6-Zellen, HeLa-Zellen, humanes Plazenta-Gewebe

IP : A2780-Zellen,

IHC : humanes Plazenta-Gewebe, humanes Gliomgewebe, humanes Pankreasgewebe, Rattenhodengewebe, Ratten-Kolongewebe

Hintergrundinformationen

Follistatin-like 1 (FSTL1), initially discovered as a TGF-β1-induced gene, encodes a 308 amino acid secreted 45-55 kDa glycoprotein with a follistatin domain and two non-functional calcium-binding motifs. FSTL1 has been reported to be involved in the fate determination and maturation of epithelial cells. Ablation of the FSTL1 gene in the mouse results in several structural developmental defects and neonatal lethality due to respiratory failure, demonstrating its functional importance. FSTL1 has been reported to exhibit both pro- and anti-inflammatory actions, with a specific anti-apoptotic and protective effect in cardiac or renal cell injury. Zwijsen et al. (1994) detected several isoforms of FSTL1 with molecular masses of 40 to 48 kD which differs from the 50- to 55-kD products detected by Tanaka et al. (1998) (OMIM).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jean Chiou	31653686	Cancer Res	WB
Chuansha Gu	29844309	Cell Death Dis	WB,IHC,IP
Mengjie Wu	33791149	Am J Cancer Res	IHC,CoIP

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

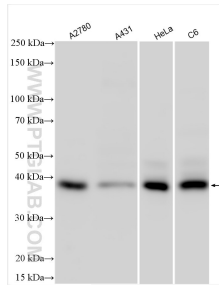
For technical support and original validation data for this product please contact:

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

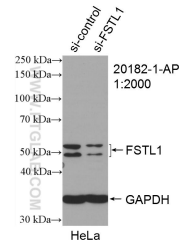
E: proteintech@ptglab.com
W: ptglab.com

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

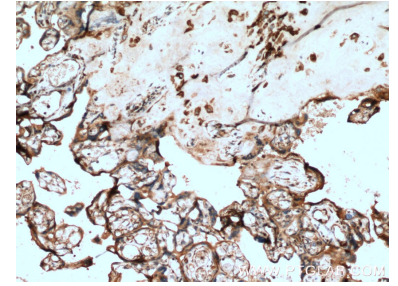
Ausgewählte Validierungsdaten



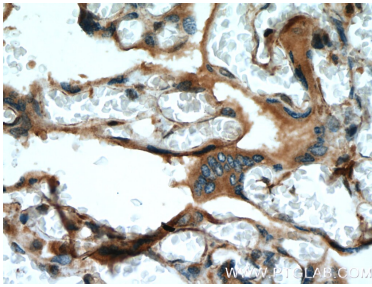
Various lysates were subjected to SDS PAGE followed by western blot with 20182-1-AP (FSTL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



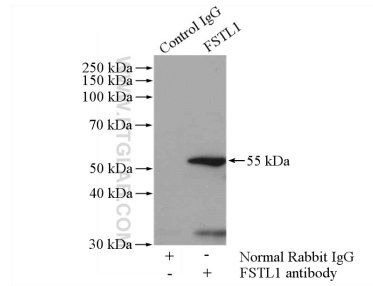
WB result of FSTL1 antibody (20182-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FSTL1 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 20182-1-AP (FSTL1 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 placenta tissue slide using 20182-1-AP (FSTL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-FSTL1 (IP:20182-1-AP, 4ug; Detection:20182-1-AP 1:500) with A2780 cells lysate 960ug.