

Allgemeine Informationen

Katalog-Nr.:

12434-1-AP

Größe:

150ul , Konzentration: 800 µg/ml von Nanodrop und 400 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG3112

GenBank-Zugangsnummer:

BC030586

GeneID (NCBI):

8027

Vollständiger Name:

signal transducing adaptor molecule (SH3 domain and ITAM motif) 1

Berechnete Masse:

59 kDa

Beobachtete Masse:

70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:16000
 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
 IHC 1:50-1:500
 IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Affe, Human, Maus

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

Positivkontrollen:

WB : HEK-293T-Zellen, C2C12-Zellen, Jurkat-Zellen, K562-Zellen, Maushirngewebe, MCF-7-Zellen, Multizellen, PC-3-Zellen, Raji-Zellen, SKOV-3-Zellen, Y79-Zellen

IP : PC-3-Zellen,

IHC : humanes Hodengewebe, Maushodengewebe

IF : HepG2-Zellen,

Hintergrundinformationen

STAM, also named as STAM1, belongs to the STAM family. It is involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSL stimulation, it plays a role in signaling leading to DNA synthesis and MYC induction. STAM may also play a role in T-cell development. It is involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs). Together with HRS, STAM forms ESCRT-0. STAM was originally identified as an adaptor protein involved in cytokine signaling.(PMID:20505072)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jay Xiaojun Tan	36071159	Nature	WB
Olga Alekhina	27789711	J Biol Chem	WB
Jalal M Kazan	34761192	iScience	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**

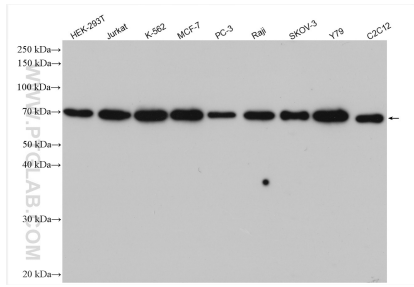
For technical support and original validation data for this product please contact:

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

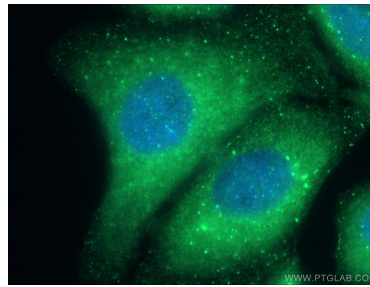
E: proteintech@ptglab.com
 W: ptglab.com

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

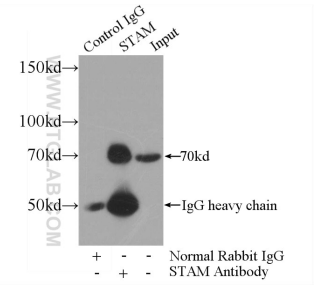
Ausgewählte Validierungsdaten



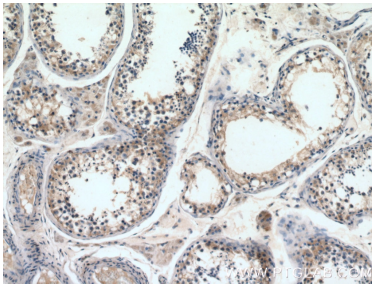
Various lysates were subjected to SDS PAGE followed by western blot with 12434-1-AP (STAM antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



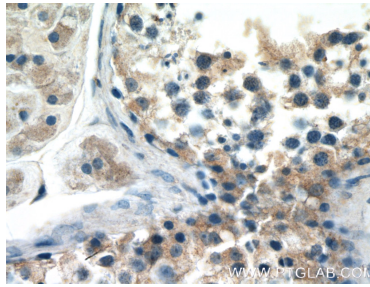
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 12434-1-AP (STAM antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



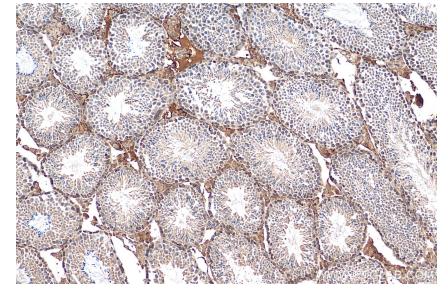
IP Result of anti-STAM (IP:12434-1-AP, 4ug; Detection:12434-1-AP 1:300) with PC-3 cells lysate 1440ug.



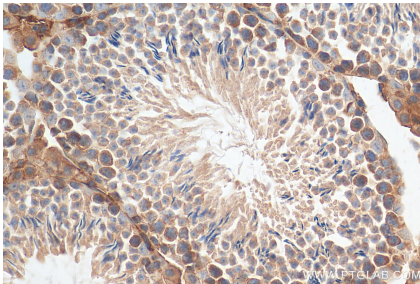
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 12434-1-AP (STAM antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 12434-1-AP (STAM antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12434-1-AP (STAM 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 mouse testis tissue slide using 12434-1-AP (STAM antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).