

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-STAM



Numéro de catalogue: 12434-1-AP

Phare

17 Publications

## Informations de base

Numéro de catalogue:  
12434-1-AP

Taille:  
150ul, Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG3112

Numéro d'acquisition GenBank:  
BC030586

Identification du gène (NCBI):  
8027

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

MW calculé:  
59 kDa

MW observés:  
70 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:2000-1:16000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IHC 1:50-1:500  
IF 1:50-1:500

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
IF, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, singe, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules HEK-293T, cellules C2C12, cellules Jurkat, cellules K-562, cellules MCF-7, cellules PC-3, cellules Raji, cellules SKOV-3, cellules Y79, multi-cellules, tissu cérébral de souris

IP : cellules PC-3,

IHC : tissu testiculaire humain, tissu testiculaire de souris

IF : cellules HepG2,

## Informations générales

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-CSF 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)

## Publications notables

| Autrice         | Pubmed ID | Journal     | Application |
|-----------------|-----------|-------------|-------------|
| Jay Xiaojun Tan | 36071159  | Nature      | WB          |
| Olga Alekhina   | 27789711  | J Biol Chem | WB          |
| Jalal M Kazan   | 34761192  | iScience    | WB          |

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

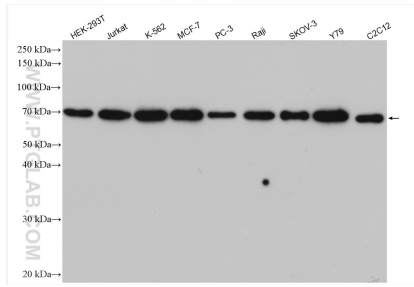
For technical support and original validation data for this product please contact:

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

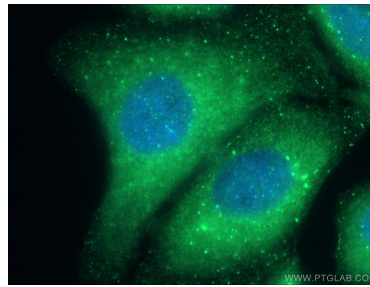
E: proteintech@ptglab.com  
W: ptglab.com

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

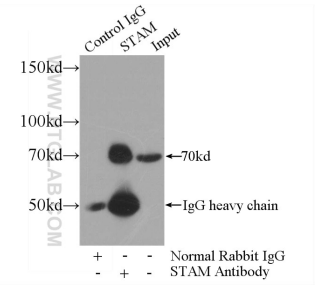
## Données de validation sélectionnées



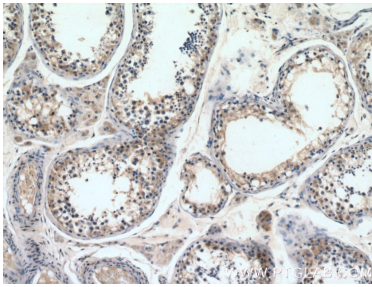
Various lysates were subjected to SDS PAGE followed by western blot with 12434-1-AP (STAM antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



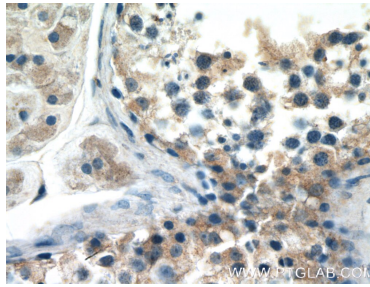
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 12434-1-AP (STAM antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



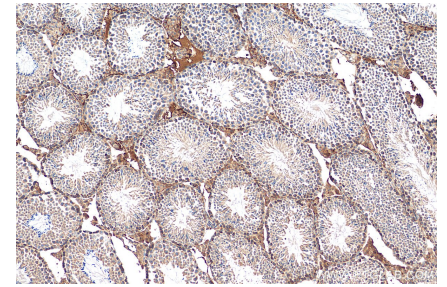
IP Result of anti-STAM (IP:12434-1-AP, 4ug; Detection:12434-1-AP 1:300) with PC-3 cells lysate 1440ug.



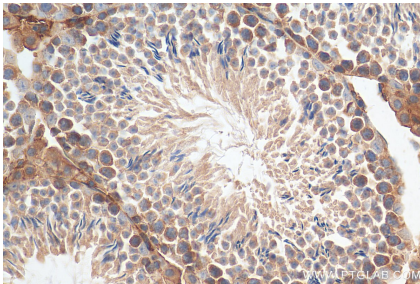
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 12434-1-AP (STAM antibody) at dilution of 1:200 (under 10x lens).



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).