

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-CSK



Numéro de catalogue: 17720-1-AP

4 Publications

## Informations de base

Numéro de catalogue:

17720-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12103

Numéro d'acquisition GenBank:

BC106073

Identification du gène (NCBI):

1445

Nom complet:

c-src tyrosine kinase

MW calculé

450 aa, 50 kDa

MW observés:

50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:10-1:100

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

**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 Raji, cellules HL-60, cellules Jurkat, cellules K-562, tissu pulmonaire de rat

IP : cellules HL-60,

IHC : tissu pulmonaire humain, tissu cérébral humain, tissu cutané humain, tissu ovarien humain, tissu placentaire humain, tissu rénal humain, tissu testiculaire humain

IF : cellules SH-5Y5Y,

## Informations générales

CSK(Tyrosine-protein kinase CSK) is also named as C-Src kinase, protein-tyrosine kinase CYL and belongs to the protein kinase superfamily. Csk is a non-receptor tyrosine kinase with a molecular mass of 50 kDa. It contains the SH3 and SH2 domains in its N-terminus and a kinase domain in its C-terminus. It negatively regulates the kinase activity of SFKs and plays an important role in physiological functions via signaling pathways for cell proliferation, differentiation, adhesion, and migration(PMID:23548896). Csk may play a role in tumor suppression by inhibiting the oncogenic activity of SFKs. Indeed, overexpression of Csk can inhibit tumor growth of human colon cancer cells(PMID:23139636). This protein can be autophosphorylated(PMID:11181701).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Benika J Pinch	34499862	Cell Chem Biol	WB
Nan Cui	31125786	Neoplasia	IP
Mackenzie L Davenport	33558335	Cancer Res	IHC

## 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.

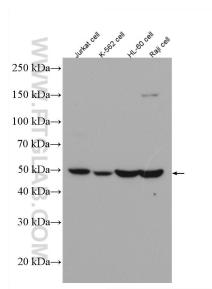
For technical support and original validation data for this product please contact:

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

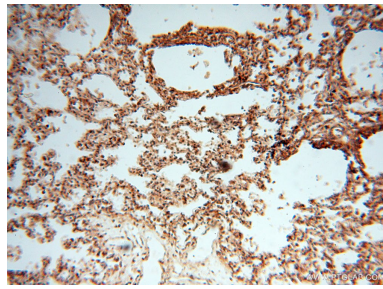
E: proteintech@ptglab.com  
W: ptglab.com

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

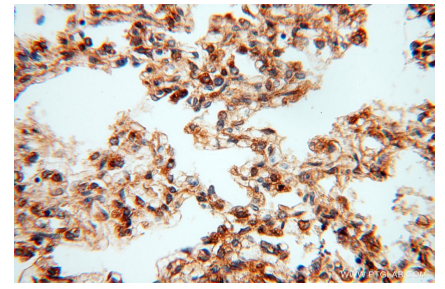
## Données de validation sélectionnées



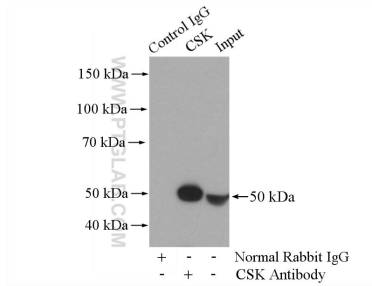
Various lysates were subjected to SDS PAGE followed by western blot with 17720-1-AP (CSK antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



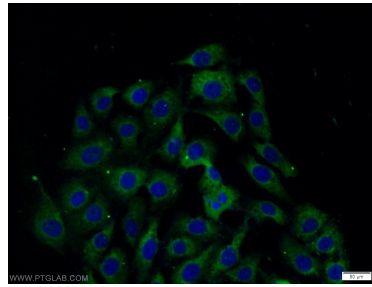
Immunohistochemical analysis of paraffin-embedded human lung using 17720-1-AP (CSK antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung using 17720-1-AP (CSK antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-CSK (IP:17720-1-AP, 4 $\mu$ g; Detection:17720-1-AP 1:800) with HL-60 cells lysate 1000 $\mu$ g.



Immunofluorescent analysis of SH-SY5Y cells using 17720-1-AP (CSK antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).