

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PIAS3



Numéro de catalogue: 13486-1-AP

2 Publications

## Informations de base

<b>Numéro de catalogue:</b> 13486-1-AP	<b>Numéro d'acquisition GenBank:</b> BC030556	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 10401	<b>Dilutions recommandées:</b> WB 1:500-1:1000 IHC 1:100-1:400 IF 1:20-1:200
<b>Hôte:</b> Lapin	<b>Nom complet:</b> protein inhibitor of activated STAT, 3	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 628 aa, 68 kDa	
<b>Immunogen Catalog Number:</b> AG4304	<b>MW observés:</b> 67 kDa	

## Applications

<b>Applications testées:</b> IF, IHC, WB, ELISA	<b>Contrôles positifs:</b> WB : cellules HepG2, cellules HeLa IHC : tissu de cancer du poumon humain, IF : cellules HepG2,
<b>Demandes citées:</b> IHC, WB	
<b>Spécificité de l'espèce:</b> Humain, rat, souris	
<b>Espèces citées:</b> Humain	
<b>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.</b>	

## Informations générales

PIAS3(E3 SUMO-protein ligase PIAS3) is a protein of 583 amino acid, has a molecular mass of 68 kDa and belongs to a family of proteins that includes several other members(PMID:11060035). PIAS3 is an inhibitor of activated STAT3 and binds microphthalmia-associated transcription factor, which is a key DNA-binding protein, in rat basophilic leukemia cells and mouse melanocytes(PMID:11709556). The PIAS3 antibody detects PIAS3 (68 kDa) as well as its sumoylated form (85 kDa) in some normal mouse tissues, breast and brain tumor cell lines(PMID:20371673).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Cunyang Gu	36601740	Mol. Med Rep	WB
Moli Wu	37298405	Int J Mol Sci	IHC

## Stockage

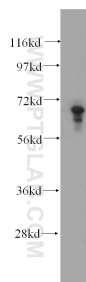
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

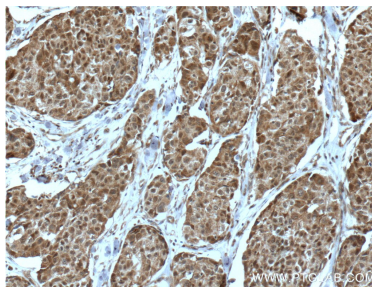
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

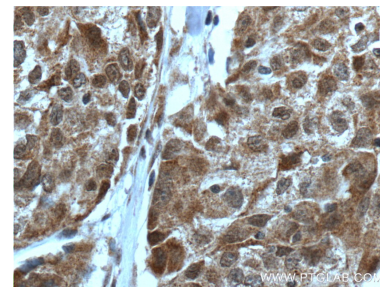
## Données de validation sélectionnées



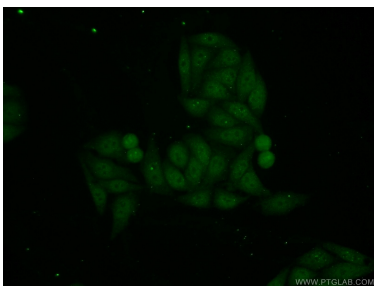
HepG2 cells were subjected to SDS PAGE followed by western blot with 13486-1-AP (PIAS3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13486-1-AP (PIAS3 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 lung cancer tissue slide using 13486-1-AP (PIAS3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 13486-1-AP (PIAS3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).