

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ING4



Numéro de catalogue: 10617-1-AP

Phare

12 Publications

## Informations de base

Numéro de catalogue:  
10617-1-AP

Taille:  
150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0960

Numéro d'acquisition GenBank:  
BC007781

Identification du gène (NCBI):  
51147

Nom complet:  
inhibitor of growth family, member 4

MW calculé  
29 kDa

MW observés:  
29 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

## Applications

Applications testées:  
IP, WB, ELISA

Demandes citées:  
IF, IHC, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules C6, cellules HeLa, tissu cérébral de rat, tissu cérébral de souris

IP : cellules HEK-293,

## Informations générales

ING4, also named as p29ING4, belongs to the ING family. It is a component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. It may inhibit tumor progression by modulating the transcriptional output of signaling pathways which regulate cell proliferation. ING4 can suppress brain tumor angiogenesis through transcriptional repression of RELA/NFKB3 target genes when complexed with RELA. It may also specifically suppress loss of contact inhibition elicited by activated oncogenes such as MYC. Represses hypoxia inducible factor's (HIF) activity by interacting with HIF prolyl hydroxylase 2 (EGLN1). ING4 is a tumor suppressor gene that interacts with NFKB and represses its transcriptional activity. Several lines of evidence suggest that the tumor suppressor gene ING4, NFKB and its target genes matrix metalloproteases MMP-2, MMP-9 and u-PA are critically involved in tumor invasion. This antibody is a rabbit polyclonal antibody raised against full length human ING4 antigen.

## Publications notables

Autrice	Pubmed ID	Journal	Application
You Qi Q	21626442	Pathol Oncol Res	IHC
Tzouvelekis Argyris A	23181555	BMC Res Notes	IHC
Liyu Cao	26045800	Int J Clin Exp Pathol	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.

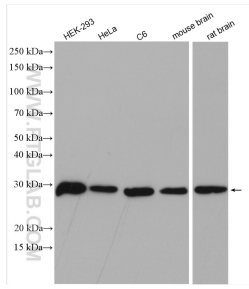
For technical support and original validation data for this product please contact:

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

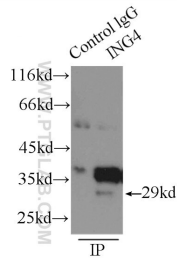
E: proteintech@ptglab.com  
W: ptglab.com

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 10617-1-AP (ING4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-ING4 (IP:10617-1-AP, 3ug; Detection:10617-1-AP 1:200) with HEK-293 cells lysate 2700ug.