

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ING5



Numéro de catalogue: 10665-1-AP

Phare

26 Publications

## Informations de base

Numéro de catalogue:

10665-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1059

Numéro d'acquisition GenBank:

BC005370

Identification du gène (NCBI):

84289

Nom complet:

inhibitor of growth family, member 5

MW calculé

28 kDa

MW observés:

28-32 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

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

IHC 1:20-1:200

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, 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 Jurkat, cellules HEK-293, cellules PC-3, tissu rénal de souris

IP : cellules HEK-293,

IHC : tissu de cancer du côlon humain, tissu de tumeur ovarienne humain

## Informations générales

ING5, also named as p28ING5, 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. ING5 is a component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. Through chromatin acetylation it may regulate DNA replication and may function as a transcriptional coactivator. (PMID:12750254) Altered ING5 expression and its shift into the cytoplasm may have an impact on the malignant transformation of colorectal epithelial cells and should be considered as a biomarker for colorectal carcinogenesis. (PMID:21193223)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yahan Wu	32973339	Cell Res	WB
Kumi Matsuura	32918898	Exp Cell Res	WB
Nesliah Barlak	31475765	Cell Biol Int	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.

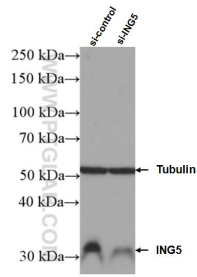
For technical support and original validation data for this product please contact:

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

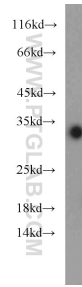
E: proteintech@ptglab.com  
W: ptglab.com

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

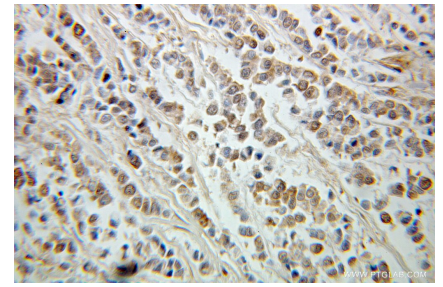
## Données de validation sélectionnées



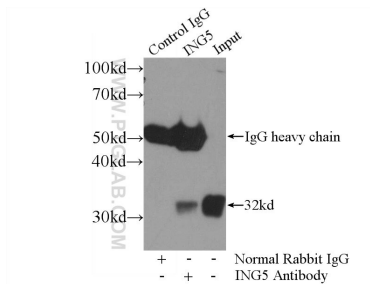
WB result of ING5 antibody (10665-1-AP; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ING5 transfected Jurkat cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 10665-1-AP (ING5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 10665-1-AP (ING5 antibody) at dilution of 1:100 (under 25x lens).



IP Result of anti-ING5 (IP:10665-1-AP, 4ug; Detection:10665-1-AP 1:700) with HEK-293 cells lysate 2560ug.