

Nur für Forschungszwecke

# ING4 Polyklonaler Antikörper

Katalog-Nr.:10617-1-AP

Vorgestelltes Produkt

12 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
10617-1-AP

Größe:  
150ul, Konzentration: 500 µg/ml von  
Nanodrop und 333 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG0960

GenBank-Zugangsnummer:  
BC007781

GeneID (NCBI):  
51147

Vollständiger Name:  
inhibitor of growth family, member 4

Berechnete Masse:  
29 kDa

Beobachtete Masse:  
29 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:16000

IP 0.5-4.0 µg für IP und 1:200-1:1000  
für WB

## Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : HEK-293-Zellen, C6-Zellen, HeLa-Zellen,  
Maushirngewebe, Rattenhirngewebe

IP : HEK-293-Zellen,

## Hintergrundinformationen

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 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
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

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

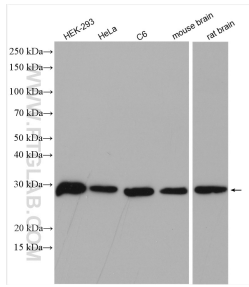
For technical support and original validation data for this product please contact:

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

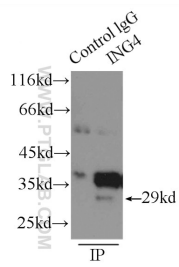
E: proteintech@ptglab.com  
W: ptglab.com

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

## Ausgewählte Validierungsdaten



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.