

Nur für Forschungszwecke

# NUFIP1 Polyklonaler Antikörper

Katalog-Nr.:12515-1-AP

Vorgestelltes Produkt

11 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12515-1-AP	<b>GenBank-Zugangsnummer:</b> BC017745	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 800 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 26747	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> nuclear fragile X mental retardation protein interacting protein 1	<b>IHC 1:300-1:1200</b> <b>IF 1:50-1:500</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 56 kDa	
<b>Immunogen Katalognummer:</b> AG3197	<b>Beobachtete Masse:</b> 70-75 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, IP, WB, ELISA	<b>Positivkontrollen:</b> WB : HeLa-Zellen, A375-Zellen
<b>In Publikationen genannte Anwendungen:</b> IF, WB	<b>IP :</b> HeLa-Zellen,
<b>Getestete Reaktivität:</b> Human	<b>IHC :</b> humanes Ovarialkarzinomgewebe,
<b>Zitierte Arten:</b> Human, Maus	<b>IF :</b> HeLa-Zellen,

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

Fragile X syndrome, the most common cause of inherited mental retardation, is caused by the absence of FMRP (Fragile X Mental Retardation Protein). FMRP is an RNA binding protein reported to be involved in translational control, notably at postsynaptic sites of protein synthesis as a part of a multiprotein/mRNA complex[PMID:12941608]. NUFIP1 is one of the several FMRP-interacting proteins. NUFIP can act as a pol II-specific basal transcriptional activator in vitro and when ectopically overexpressed in vivo. NUFIP can directly activate promoters by enhancing the ATP-dependent release of hyperphosphorylated form of pol II from open transcription complexes[PMID:15107825].

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Myoung Sup Shim	31476975	Autophagy	WB,IF
Pedro Fuentes	34818049	Sci Adv	WB
Jonathan Bizarro	25404746	J Cell Biol	WB

## Lagerung

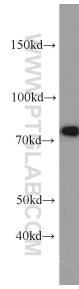
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

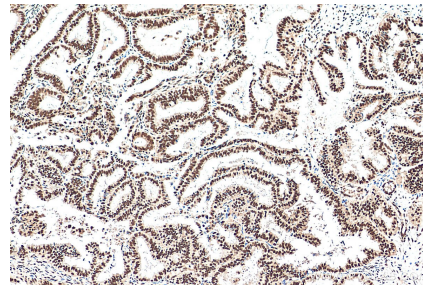
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

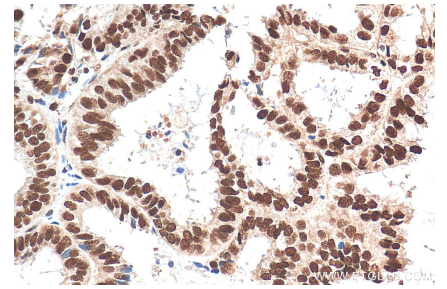
## Ausgewählte Validierungsdaten



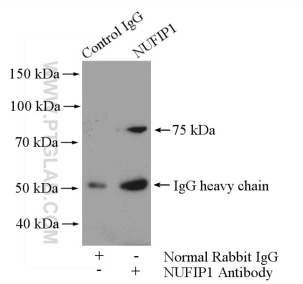
HeLa cells were subjected to SDS PAGE followed by western blot with 12515-1-AP (NUFIP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



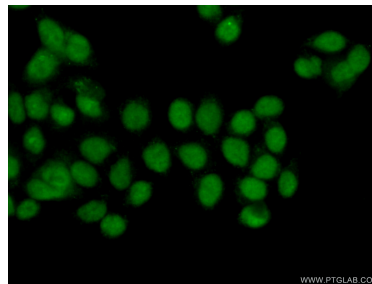
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 12515-1-AP (NUFIP1 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 12515-1-AP (NUFIP1 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-NUFIP1 (IP:12515-1-AP, 4ug; Detection:12515-1-AP 1:800) with HeLa cells lysate 1200ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 12515-1-AP (NUFIP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).