

Nur für Forschungszwecke

BOP1 Polyklonaler Antikörper

Katalog-Nr.: 28366-1-AP

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: 28366-1-AP	GenBank-Zugangsnummer: BC013787	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 300 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 23246	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: block of proliferation 1	
Isotyp: IgG	Berechnete Masse: 84 kDa	
Immunogen Katalognummer: AG26669	Beobachtete Masse: 117 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : DU 145-Zellen, HeLa-Zellen, NCI-H1299-Zellen IHC : humanes Kolonkarzinomgewebe, Maushodengewebe IF : PC-3-Zellen, MCF-7-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Block of Proliferation 1 (BOP1) protein was first isolated from a mouse, and the truncation protein may led to cell cycle arrest. Bop1 plays a role in processing of the 28S and 5.8S rRNAs (ribosomal RNAs) to regulate ribosome biogenesis. And Bop1 also act as a component of Pes1/Bop1/WDR21 (PeBoW) complex for mature 60S ribosome, and consequently acts during cell division at G1 checkpoints (PMID:18670790; PMID:26940494). What's more, abnormal expression of BOP1 was associated with liver or colorectal cancers (PMID:16804918). The molecular weight of the protein we detected was slightly higher, about 117 kd, which is also seen in the article (PMID: 30100995).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lanjuan Mi	34868955	Front Oncol	WB
Miao Bai	34512161	Int J Biol Sci	WB

Lagerung

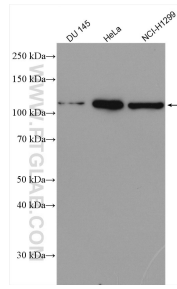
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

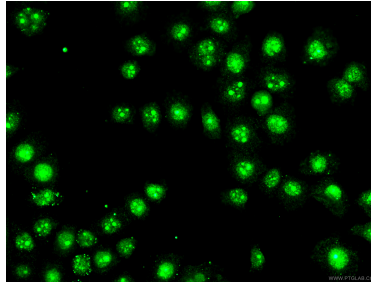
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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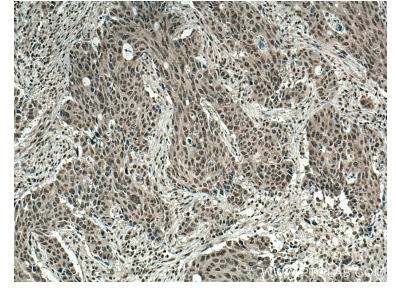
Ausgewählte Validierungsdaten



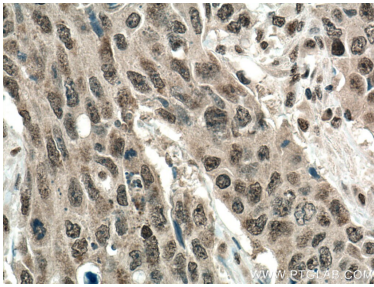
Various lysates were subjected to SDS PAGE followed by western blot with 28366-1-AP (BOP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using 28366-1-AP (BOP1 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28366-1-AP (BOP1 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 colon cancer tissue slide using 28366-1-AP (BOP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).