À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-COP1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:13542-1-AP 1 Publications

Informations de base

Numéro de catalogue:
13542-1-AP

Taille:
150ul , Concentration: 147 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4484

Numéro d'acquisition GenBank:
BC039723

Identification du gène (NCBI):
64326

Nom complet:
ring finger and WD repeat domain 2

MW calculé
731 aa, 80 kDa

MW observés:
90 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Applications testées:
IHC, WB,ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque de souris,

IHC : tissu d'ostéosarcome humain,

Informations générales

COP1 is also named as RFWD2, RNF200 and belongs to the COP1 family. It is a ubiquitin ligase that targets key regulators for degradation, and DET1 complexes with COP10 and DDB1, which is proposed to aid in COP1-mediated degradation (PMID:22705257). The endogenous COP1 is localized predominantly in the nucleus, but small amount may also be present in the cytosol. Within the nucleus, COP1 is present in both the nucleoplasm (NP) and the nuclear envelope (NE) fractions, although COP1 is more enriched in the nucleoplasm (PMID:12466024). Two of the COP1 isoforms identified by RNA-seq analysis predicted the size of two proteins detected by the antibody for COP1, a 75 kDa band, corresponding to the longer isoform, and a 50 kDa band corresponding to the shorter isoform. (PMID:24714719). It has been shown that COP1 forms dimerization through its coiled-coil region.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yoon-Jin Kim	30393117	Cancer Lett	WB

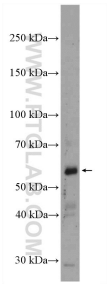
Stockage

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

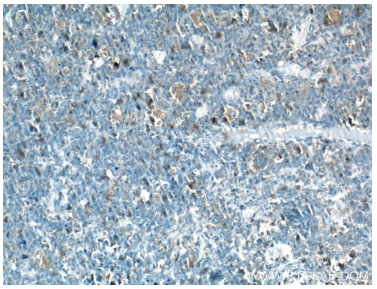
***** Les 20ul contiennent 0,1% de BSA.**

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

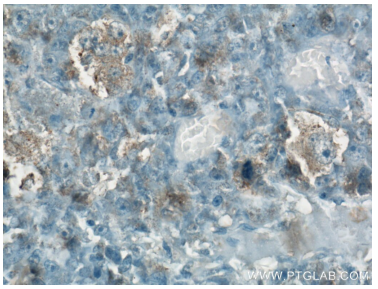
Données de validation sélectionnées



mouse heart tissue were subjected to SDS PAGE followed by western blot with 13542-1-AP (COP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human osteosarcoma tissue slide using 13542-1-AP (COP1 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 osteosarcoma tissue slide using 13542-1-AP (COP1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).