

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-USP37



Numéro de catalogue: 18465-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:
18465-1-AP

Taille:
150ul, Concentration: 180 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG12513

Numéro d'acquisition GenBank:
BC112901

Identification du gène (NCBI):
57695

Nom complet:
ubiquitin specific peptidase 37

MW calculé
885 aa, 100 kDa

MW observés:
110 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:16000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, 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 : tissu cérébral de souris, tissu cérébral de rat, tissu splénique de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du sein humain,

Informations générales

USP37 (ubiquitin specific peptidase 37), is a member of ubiquitin-specific processing proteases family. Human USP37, localized mainly in the cytoplasm, is composed of 979 amino acids harboring three ubiquitin-interacting motifs between the Cys box and His box of the primary sequence (PMID: 27045719, 24324262). High levels of USP37 gene expression in lung cancer promoted cell viability as well as the Warburg effect via deubiquitination and stabilization of pluripotent factor c-Myc protein (PMID: 25284584). Moreover, USP37 expression was upregulated in breast cancer tissues compared with surrounding tissues and its overexpression was significantly correlated with increased rates of mortality. USP37 may represent a novel molecular target for breast cancer treatment (PMID: 30482232, 27045719).

Publications notables

Autrice	Pubmed ID	Journal	Application
Wenyng Gao	34630422	Front Immunol	WB
Chenming Wu	34606619	Nucleic Acids Res	WB,IF,IHC
Tao Qin	30482232	J Exp Clin Cancer Res	WB,IHC,IF

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.

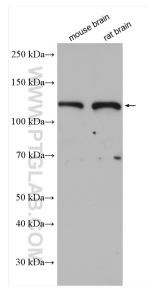
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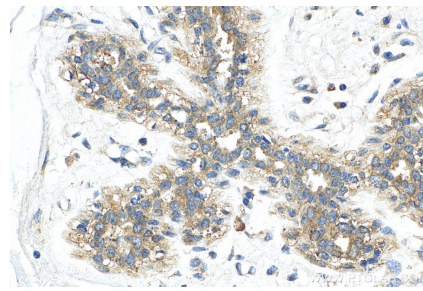
E: proteintech@ptglab.com
W: ptglab.com

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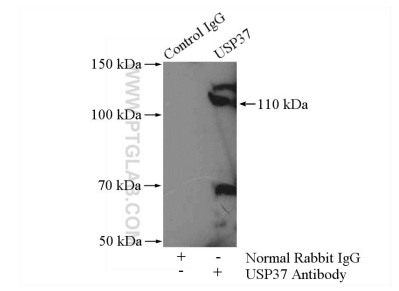
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 18465-1-AP (USP37 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 18465-1-AP (USP37 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-USP37 (IP:18465-1-AP, 4ug; Detection:18465-1-AP 1:500) with mouse brain tissue lysate 4000ug.