

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-XBP-1U specific



Numéro de catalogue: 25997-1-AP

Phare

43 Publications

Informations de base

Numéro de catalogue:

25997-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop and 407 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG21714

Numéro d'acquisition GenBank:

BC000938

Identification du gène (NCBI):

7494

Nom complet:

X-box binding protein 1

MW calculé

261 aa, 29 kDa

MW observés:

32 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat, souris

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 splénique de rat, tissu splénique de souris

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain, tissu de cancer du foie humain, tissu hépatique de souris

Informations générales

X-box-binding protein 1 (XBP1), also named as TREB5, is a 261 amino acid protein, which contains one bZIP domain and belongs to the bZIP family. XBP1 localizes in the nucleus and as a transcription factor is essential for hepatocyte growth, the differentiation of plasma cells, the immunoglobulin secretion, and the unfolded protein response. XBP1 has an association with major affective disorder. The molecular weight of protein generated from the spliced XBP1 mRNA is 54 kDa and protein generated from unspliced Xbp1 mRNA is 33 kDa. This antibody 25997-1-AP specially recognizes isoform XBP-1U.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaona Liu	28961540	Chemosphere	WB
Tongtong Liu	34530836	J Neuroinflammation	WB
Lin Zhang	32963696	Oxid Med Cell Longev	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.

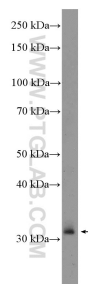
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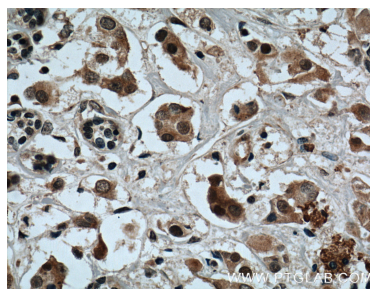
E: proteintech@ptglab.com
W: ptglab.com

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

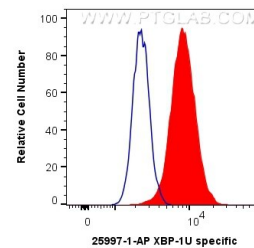
Données de validation sélectionnées



rat spleen tissue were subjected to SDS PAGE followed by western blot with 25997-1-AP (XBP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25997-1-AP (XBP1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HepG2 cells were intracellularly stained with 0.4 ug Anti-Human XBP-1U specific (25997-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).