

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GRP78/BIP



Numéro de catalogue: 11587-1-AP

Phare

503 Publications

Informations de base

Numéro de catalogue:
11587-1-AP

Taille:
150ul, Concentration: 600 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2188

Numéro d'acquisition GenBank:
BC020235

Identification du gène (NCBI):
3309

Nom complet:
heat shock 70kDa protein 5 (glucose-
regulated protein, 78kDa)

MW calculé
78 kDa

MW observés:
70-78 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:2000-1:12000
IP 0.5-4.0 µg for IP and 1:500-1:2000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, poisson-zèbre, poulet, rat, singe, souris,
embryons de médaka, fish

**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 : cellules BxPC-3, cellules Caco-2, cellules HEK-
293, cellules HeLa, cellules HepG2, cellules HT-29,
tissu cérébral de rat, tissu cérébral de souris, tissu
hépatique de rat, tissu hépatique de souris

IP : cellules MCF-7,

IHC : tissu de cancer du pancréas humain, tissu
cardiaque de souris, tissu cérébral de rat, tissu de
cancer du côlon humain, tissu de cancer du sein
humain, tissu rénal de souris

IF : cellules HepG2,

Informations générales

GRP78 (HSPA5), also referred to as 'immunoglobulin heavy chain-binding protein' (BiP), is a member of the heat-shock protein-70 (HSP70) family and is involved in the folding and assembly of proteins in the endoplasmic reticulum (ER). It is a constitutively expressed resident protein of the ER in all eukaryotic cells. Recently it has been reported that GRP78 is associated with apoptosis or inhibition of cancer cell growth. 11587-1-AP antibody recognizes one or two bands with MW 70-78 kDa for the signal peptide of GRP78 protein can be finally cleaved.

Publications notables

Autrice	Pubmed ID	Journal	Application
Junxia Hu	31580970	Biomed Pharmacother	WB
Qi Zhang	36177897	Int J Oncol	IF
Bing Sun	27684953	PLoS One	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.

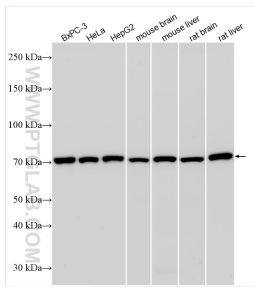
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

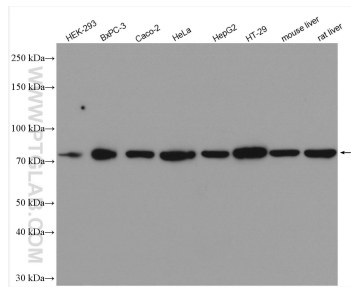
E: proteintech@ptglab.com
W: ptglab.com

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

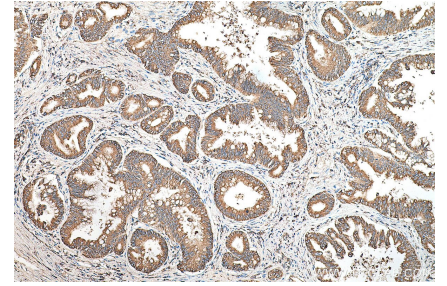
Données de validation sélectionnées



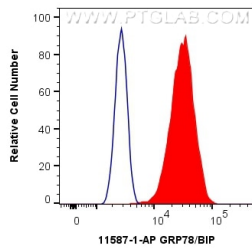
Various lysates were subjected to SDS PAGE followed by western blot with 11587-1-AP (GRP78/BIP antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



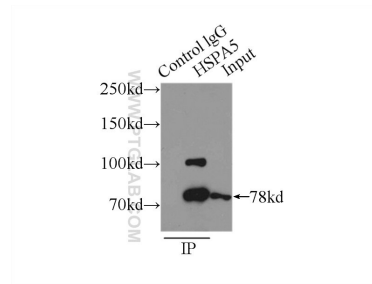
Various lysates were subjected to SDS PAGE followed by western blot with 11587-1-AP (GRP78/BIP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



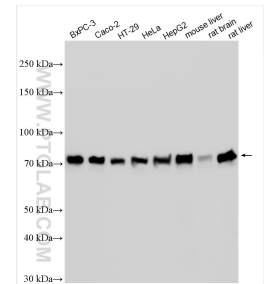
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11587-1-AP (GRP78/BIP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



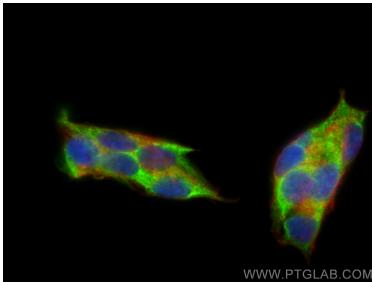
1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human GRP78/BIP (11587-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



IP Result of anti-GRP78/BIP (IP:11587-1-AP, 3ug; Detection:11587-1-AP 1:1000) with MCF-7 cells lysate 3250ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11587-1-AP (GRP78/BIP antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using GRP78/BIP antibody (11587-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).