

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HIP55



Numéro de catalogue: 13015-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

13015-1-AP

Taille:

150ul, Concentration: 1400 µg/ml by Nanodrop and 660 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4078

Numéro d'acquisition GenBank:

BC031687

Identification du gène (NCBI):

28988

Nom complet:

drebrin-like

MW calculé

430 aa, 48 kDa

MW observés:

55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, 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, cellules HeLa, cellules Jurkat, cellules K-562, tissu cardiaque de souris, tissu cardiaque humain

IP : tissu cérébral de souris,

IHC : tissu de cancer du sein humain,

IF : cellules HepG2,

Informations générales

HIP55, also known as DBNL, ABP1, SH3P7, belongs to the ABP1 family. HIP55 plays a role in the reorganization of the actin cytoskeleton, formation of cell projections, such as neurites, in neuron morphogenesis and synapse formation via its interaction with WASL and COBL. HIP55 acts as a key component of the immunological synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene activation and endocytic processes (PMID: 14729663). The N terminus of HIP55 contains a putative actin-binding domain found in drebrins, which are involved in brain development, and the C terminus contains an SH3 domain. Expect a band 55 kDa in size corresponding to HIP55 by western blotting.

Publications notables

Autrice	Pubmed ID	Journal	Application
Seika Inoue	30504273	J Neurosci	WB,IF,IP
Yang Sun	34331017	Acta Pharmacol Sin	WB,IP
Thomas Daubon	27231093	J Cell Sci	

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.

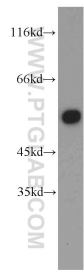
For technical support and original validation data for this product please contact:

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

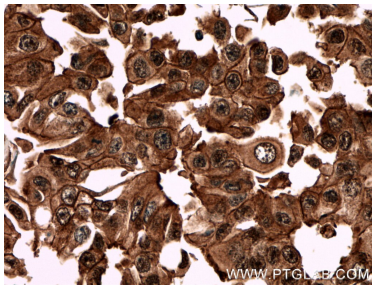
E: proteintech@ptglab.com
W: ptglab.com

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

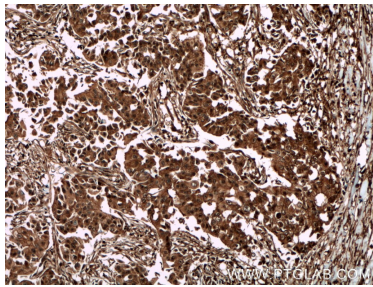
Données de validation sélectionnées



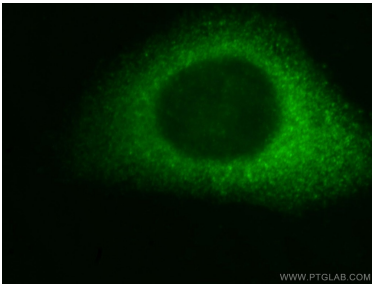
mouse brain tissue were subjected to SDS PAGE followed by western blot with 13015-1-AP (DBNL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



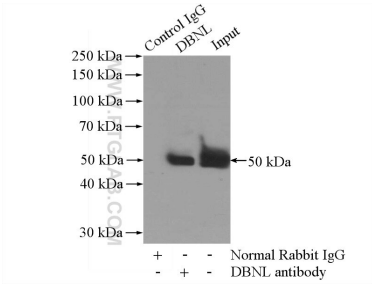
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13015-1-AP (DBNL antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13015-1-AP (DBNL antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using DBNL antibody 13015-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green).



IP Result of anti-DBNL (IP:13015-1-AP, 4ug; Detection:13015-1-AP 1:1000) with mouse brain tissue lysate 2640ug.