

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CNN2

Numéro de catalogue: 66244-1-Ig Phare



## Informations de base

Numéro de catalogue: 66244-1-Ig	Numéro d'acquisition GenBank: BC141818	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1880 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1265	CloneNo.: 1G10F5
Hôte: Mouse	Nom complet: calponin 2	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:4000
Isotype: IgG1	MW calculé 309 aa, 34 kDa	
Immunogen Catalog Number: AG23594	MW observés: 34-36 kDa	

## Applications

Applications testées:  
IHC, WB, ELISA

Spécificité de l'espèce:  
Humain, porc

**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 : cellules HepG2, cellules A431, cellules HeLa, cellules HT-1080, cellules Jurkat, cellules K-562, tissu d'estomac de porc

IHC : tissu d'hyperplasie mammaire humain,

## Informations générales

Calponin is a family of actin filament-associated proteins which regulate smooth muscle cell contraction. Three isoforms of calponin exist: calponin h1 (CNN1), calponin h2 (CNN2) and calponin 3 (CNN3). Calponin 1 and calponin 2 are predominately expressed in smooth muscle cells and cardiac muscle cells, respectively. Calponin 3 is highly expressed in many tissues including articular cartilage and brain.

## 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.

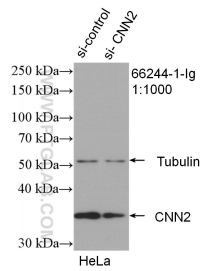
For technical support and original validation data for this product please contact:

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

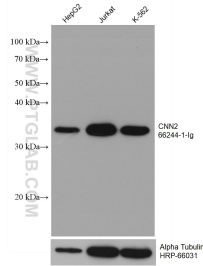
E: proteintech@ptglab.com  
W: ptglab.com

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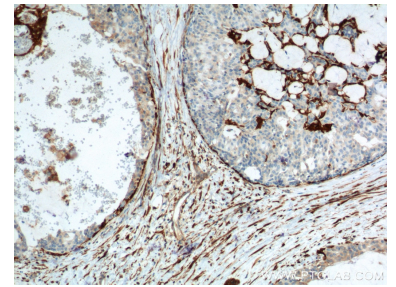
## Données de validation sélectionnées



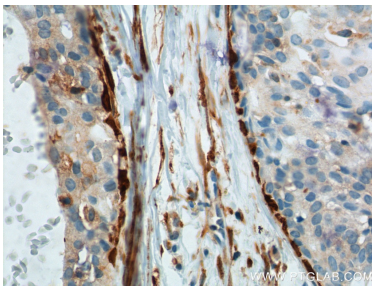
WB result of CNN2 antibody (66244-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNN2 transfected HeLa cells.



HepG2 cells were subjected to SDS PAGE followed by western blot with 66244-1-Ig (CNN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 66244-1-Ig (CNN2 Antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast hyperplasia tissue slide using 66244-1-Ig (CNN2 Antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).