

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CARD6



Numéro de catalogue: 18029-1-AP

1 Publications

Informations de base

Numéro de catalogue: 18029-1-AP	Numéro d'acquisition GenBank: BC093825	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150µl, Concentration: 200 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 84674	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200
Hôte: Lapin	Nom complet: caspase recruitment domain family, member 6	
Isotype: IgG	MW calculé: 1037 aa, 116 kDa	
Immunogen Catalog Number: AG12595	MW observés: 130 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

rat

Contrôles positifs:

WB : cellules HepG2,

IHC : tissu testiculaire humain, tissu pulmonaire humain, tissu rénal humain, tissu splénique humain

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.

Informations générales

The caspase recruitment domain (CARD) is a homotypic protein-protein interaction module that links components of signal transduction pathways implicated in the regulation of apoptosis or adaptive or innate immunity. Although much progress has been made in assigning precise roles to most CARD-containing proteins, the functions of the 1,037-amino-acid (aa) human and 1,175-aa mouse CARD6 proteins are still unknown. CARD6 has a unique structure in that it contains the CARD at the N terminus, a glutamic acid-rich region following the CARD, and a proline-rich region at the C terminus. CARD6 also harbors a 350-aa region with similarity to upregulated gene 4 (URG4), a protein that is induced in response to hepatitis Bx antigen overexpression and exerts a positive effect on proliferation. Both CARD6 and URG4 share structural features with members of the multifaceted, IFN-inducible GTPase (IFN-GTPase) superfamily, which contains some of the proteins most abundantly induced during cell-autonomous immune responses. The calculated molecular weight of CARD is 116 kDa, but modified CARD6 is about 130 kDa. (PMID: 18160713)

Publications notables

Auteur	Pubmed ID	Journal	Application
Yong Zhang	34734480	J Cell Mol Med	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

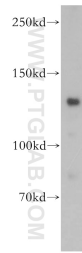
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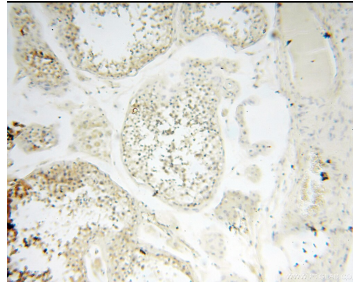
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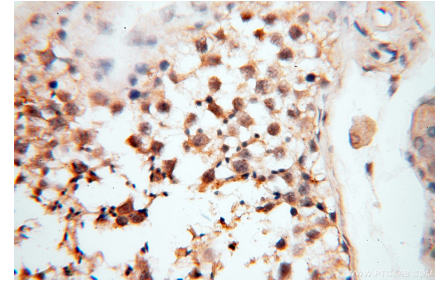
Données de validation sélectionnées



HepG2 cells were subjected to SDS PAGE followed by western blot with 18029-1-AP (CARD6 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 18029-1-AP (CARD6 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 18029-1-AP (CARD6 antibody) at dilution of 1:100 (under 40x lens).