

Allgemeine Informationen

Katalog-Nr.: 18029-1-AP	GenBank-Zugangsnummer: BC093825	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 200 µg/ml von Nanodrop und 180 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 84674	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: caspase recruitment domain family, member 6	
Isotyp: IgG	Berechnete Masse: 1037 aa, 116 kDa	
Immunogen Katalognummer: AG12595	Beobachtete Masse: 130 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB,ELISA	Positivkontrollen: WB : HepG2-Zellen,
In Publikationen genannte Anwendungen: WB	IHC : humanes Hodengewebe, humanes Lungengewebe, humanes Milzgewebe, humanes Nierengewebe
Getestete Reaktivität: Human	
Zitierte Arten: Ratte	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yong Zhang	34734480	J Cell Mol Med	WB

Lagerung

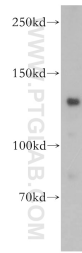
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

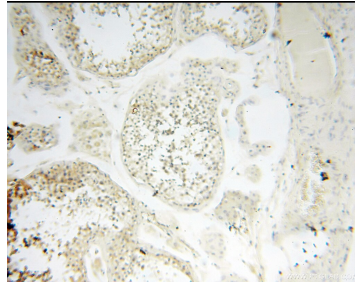
For technical support and original validation data for this product please contact:
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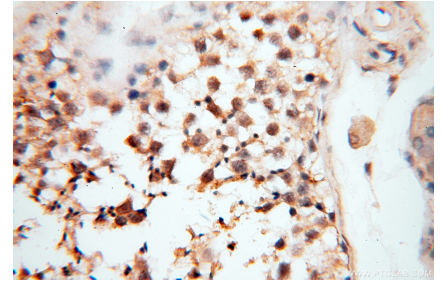
Ausgewählte Validierungsdaten



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).