

Nur für Forschungszwecke

HSPA2 Monoklonaler Antikörper

Katalog-Nr.: 66291-1-Ig **3 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66291-1-Ig	GenBank-Zugangsnummer: BC036107	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1200 µg/ml von 3306 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1506	CloneNo.: 1A4A9
Wirt: Maus	Vollständiger Name: heat shock 70kDa protein 2	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:20-1:200
Isotyp: IgG1	Berechnete Masse: 639 aa, 70 kDa	
Immunogen Katalognummer: AG24228	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB: HepG2-Zellen, HeLa-Zellen, Jurkat-Zellen, NIH/3T3-Zellen, RAW 264.7-Zellen, ROS1728-Zellen IHC: humanes Hodengewebe, humanes Prostatakarzinomgewebe
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Human HSPA2 is a member of the HSPA (HSP70) family of heat-shock proteins, encoded by the gene originally described as testis-specific. Recently, it has been reported that HSPA2 can be also expressed in human somatic tissues in a cell-type specific manner. HSPA2 is a cytosol/nuclear protein able to translocate between cytoplasm and nucleus. HSPA2 is involved in sperm maturity, function and fertility. Aberrant expression of HSPA2 in testes has been connected with male infertility. Recently, HSPA2 has attracted increased interest due to its possible involvement in carcinogenesis of non-testicular tissues. This antibody well recognized the endogenous HSPA2 protein in testis and multiple cell lines. (21373891)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
J Pei	33757590	Clin Epigenetics	WB
Maike Schuldt	33732734	Front Cardiovasc Med	WB
Larissa M Dorsch	31323898	Cells	WB

Lagerung

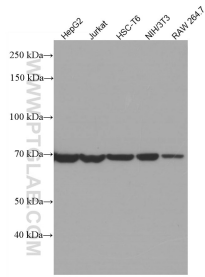
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

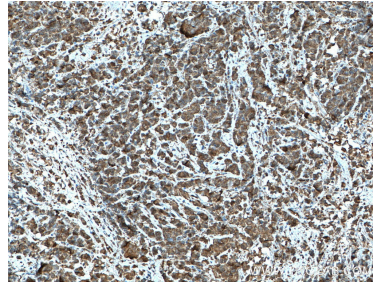
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

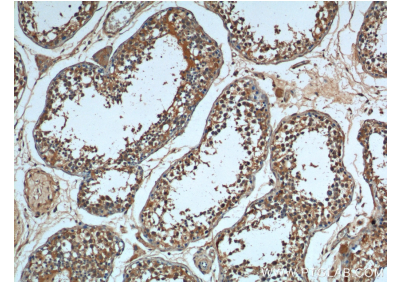
Ausgewählte Validierungsdaten



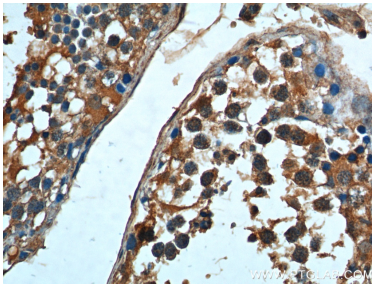
Various lysates (25 µg/lane) were subjected to SDS PAGE followed by western blot with 66291-1-Ig (HSPA2 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66291-1-Ig (HSPA2 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66291-1-Ig (HSPA2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66291-1-Ig (HSPA2 Antibody) at dilution of 1:200 (under 40x lens).