

À des fins de recherche uniquement

Anticorps Monoclonal anti-HSPA2

Numéro de catalogue: 66291-1-Ig **3 Publications**



Informations de base

Numéro de catalogue: 66291-1-Ig	Numéro d'acquisition GenBank: BC036107	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3306	CloneNo.: 1A4A9
Hôte: Mouse	Nom complet: heat shock 70kDa protein 2	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:20-1:200
Isotype: IgG1	MW calculé: 639 aa, 70 kDa	
Immunogen Catalog Number: AG24228	MW observés: 70 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

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.

Contrôles positifs:

WB : cellules HepG2, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules NIH/3T3, cellules RAW 264.7, cellules ROS1728

IHC : tissu testiculaire humain, tissu de cancer de la prostate humain

Informations générales

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)

Publications notables

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

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'aliquoteage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

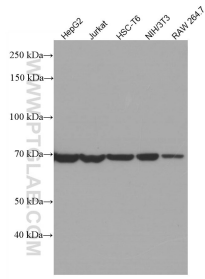
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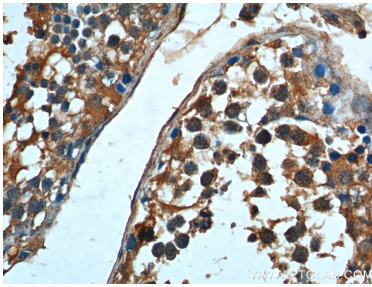
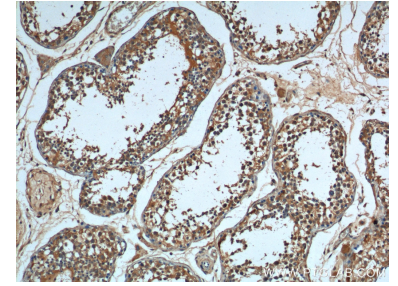
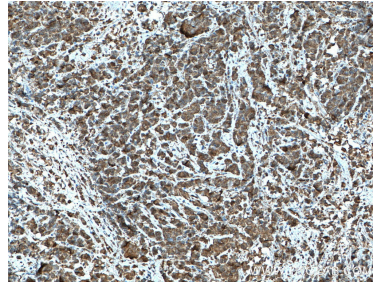
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Données de validation sélectionnées



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