

Anticorps Monoclonal anti-HSPB3

Numéro de catalogue: 67890-1-Ig

Informations de base

Numéro de catalogue:	67890-1-Ig	Numéro d'acquisition GenBank:	BC126272	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	8988	CloneNo.:	2A10B5
Hôte:	Mouse	Nom complet:	heat shock 27kDa protein 3	Dilutions recommandées:	WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotype:	IgG2b	MW calculé	150 aa, 17 kDa		
Immunogen Catalog Number:	AG26940	MW observés:	20 kDa		

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, Lapin, rat, souris

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 : tissu cardiaque humain, tissu cardiaque de lapin, tissu cardiaque de rat, tissu cardiaque de souris

IHC : tissu rénal de rat, tissu rénal de souris

IF : cellules HeLa,

Informations générales

Heat shock protein family B (small) member 3 (HSPB3) is the third member of the sHSP family in human and is mainly expressed in skeletal and smooth muscles, and can associate with HSPB2, which is another sHSP prominently expressed in cardiac and skeletal muscles. HSPB3 is involved in several cellular functions such as cell signaling, differentiation, and apoptosis, and mutations of HSPB3 are associated with neuromuscular diseases, such as axonal Charcot-Marie-Tooth disease (PMID: 31709619) (PMID: 32093037). The molecular weight of HSPB3 is about 17 kDa.

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 -20°C

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

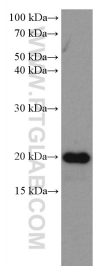
For technical support and original validation data for this product please contact:

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

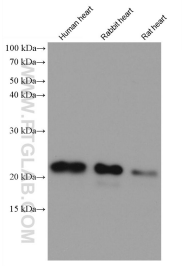
E: proteintech@ptglab.com
W: ptglab.com

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

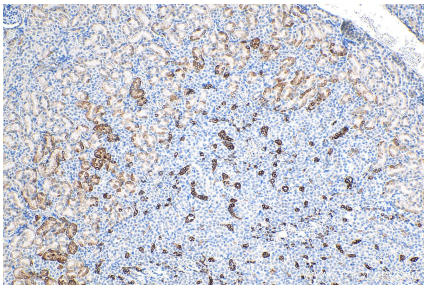
Données de validation sélectionnées



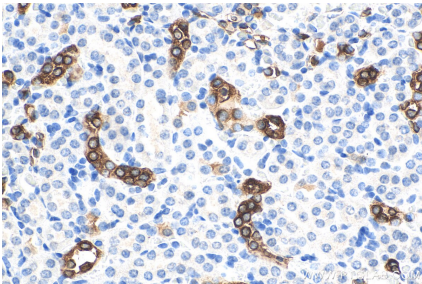
human heart tissue were subjected to SDS PAGE followed by western blot with 67890-1-Ig (HSPB3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



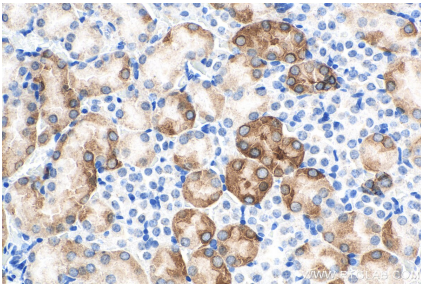
Various lysates were subjected to SDS PAGE followed by western blot with 67890-1-Ig (HSPB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



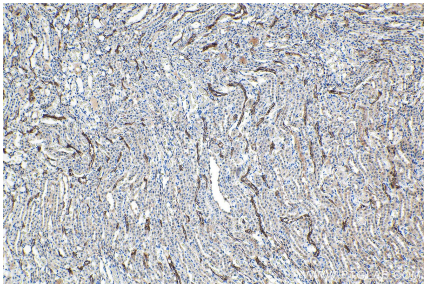
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



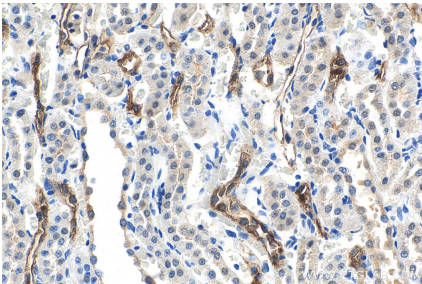
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



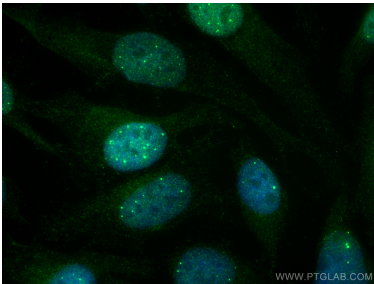
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



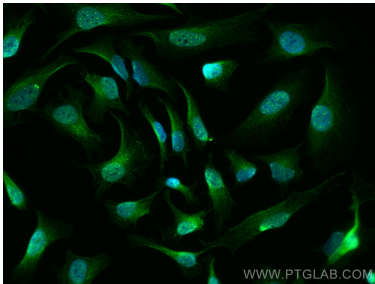
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



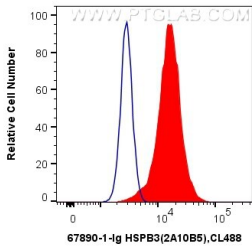
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HSPB3 antibody (67890-1-Ig, Clone: 2A10B5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HSPB3 antibody (67890-1-Ig, Clone: 2A10B5) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.5 ug Anti-Human HSPB3 (67890-1-Ig, Clone:2A10B5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).