

Allgemeine Informationen

Katalog-Nr.: 67890-1-Ig	GenBank-Zugangsnummer: BC126272	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 8988 Nanodrop;	GeneID (NCBI): von 8988	CloneNo.: 2A10B5
Wirt: Maus	Vollständiger Name: heat shock 27kDa protein 3	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotyp: IgG2b	Berechnete Masse: 150 aa, 17 kDa	
Immunogen Katalognummer: AG26940	Beobachtete Masse: 20 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Kaninchen, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Herzgewebe, Kaninchenherzgewebe, Mausherzgewebe, Rattenherzgewebe

IHC : Rattennierengewebe, Mausnierengewebe

IF : HeLa-Zellen,

Hintergrundinformationen

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.

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**

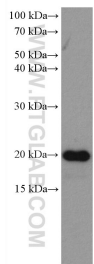
For technical support and original validation data for this product please contact:

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

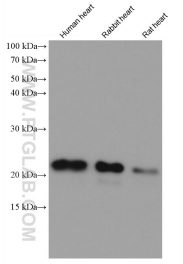
E: proteintech@ptglab.com
W: ptglab.com

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

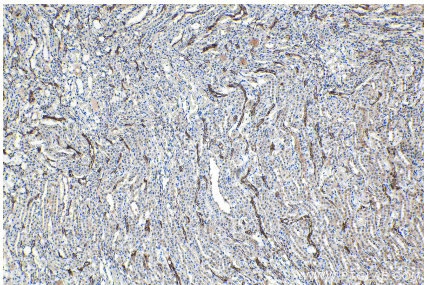
Ausgewählte Validierungsdaten



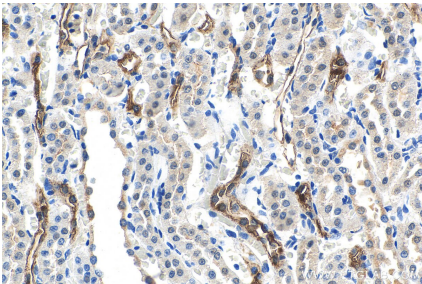
human heart tissue were subjected to SDS PAGE followed by western blot with 67890-1-Ig (HSPB3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



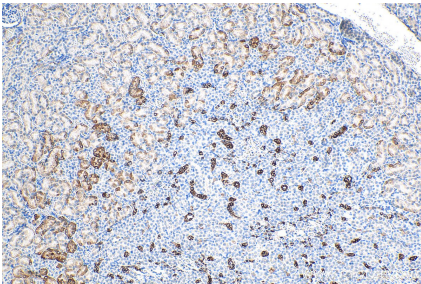
Various lysates were subjected to SDS PAGE followed by western blot with 67890-1-Ig (HSPB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



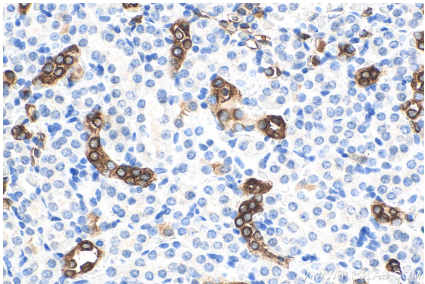
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



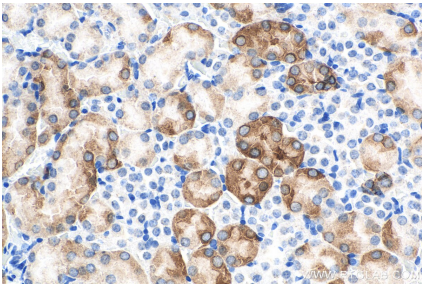
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



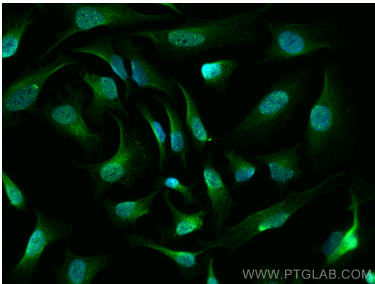
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



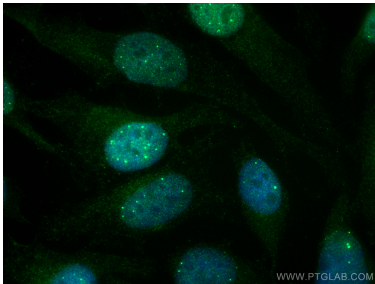
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



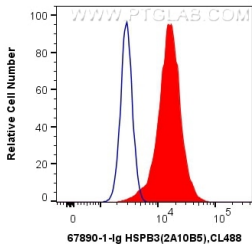
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 67890-1-Ig (HSPB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



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).