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Datasheet for ABIN7154885  
**anti-Hsc70 antibody (AA 418-597)**

4 Images

### Overview

Quantity:	100 µg
Target:	Hsc70 (HSPA8)
Binding Specificity:	AA 418-597
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hsc70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	Recombinant Human Heat shock cognate 71 kDa protein (418-597AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

### Target Details

Target:	Hsc70 (HSPA8)
Alternative Name:	HSPA8 ( <a href="#">HSPA8 Products</a> )
Background:	Background: Acts as a repressor of transcriptional activation. Inhibits the transcriptional coactivator activity of CITED1 on Smad-mediated transcription. Chaperone. Component of the

## Target Details

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PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. May have a scaffolding role in the spliceosome assembly as it contacts all other components of the core complex. Binds bacterial lipopolysaccharide (LPS) et mediates LPS-induced inflammatory response, including TNF secretion by monocytes.

Participates in the ER-associated degradation (ERAD) quality control pathway in conjunction with J domain-containing co-chaperones and the E3 ligase CHIP.

Aliases: 2410008N15Rik antibody, Constitutive heat shock protein 70 antibody, Epididymis luminal protein 33 antibody, Epididymis secretory sperm binding protein Li 72p antibody, Heat shock 70 kDa protein 8 antibody, Heat shock 70kD protein 10 antibody, Heat shock 70kD protein 8 antibody, Heat shock 70 kDa protein 8 antibody, Heat shock cognate 71 kDa protein antibody, Heat shock cognate protein 54 antibody, Heat shock cognate protein 71 kDa antibody, Heat shock protein 8 antibody, Heat shock protein A8 antibody, Heat shock protein family A (Hsp70) member 8 antibody, Heat-shock70-KD protein 10, formerly antibody, HEL 33 antibody, HEL S 72p antibody, HSC54 antibody, HSC71 antibody, Hsc73 antibody, HSP71 antibody, HSP73 antibody, HSP7C\_HUMAN antibody, HSPA10 antibody, HSPA8 antibody, LAP1 antibody, Lipopolysaccharide associated protein 1 antibody, LPS associated protein 1 antibody, LPS associated protein antibody, MGC102007 antibody, MGC106514 antibody, MGC114311 antibody, MGC118485 antibody, MGC131511 antibody, MGC29929 antibody, N-myristoyltransferase inhibitor protein 71 antibody, NIP71 antibody

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UniProt: [P11142](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

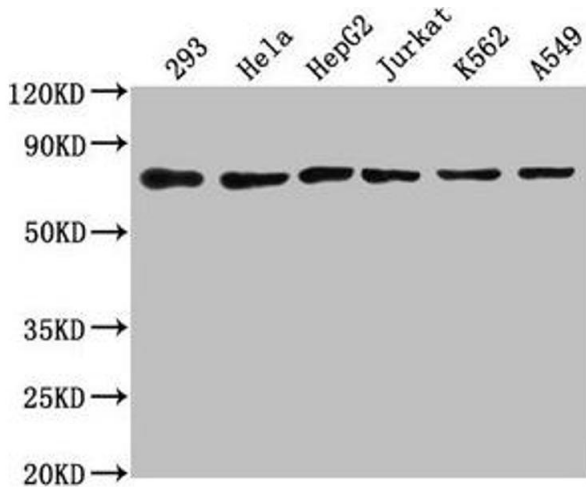
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

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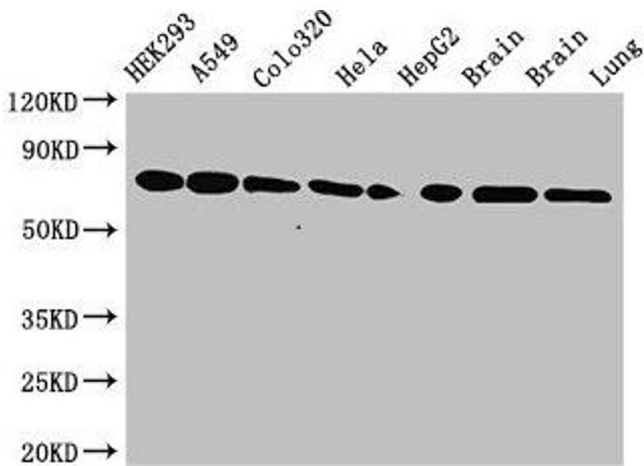
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



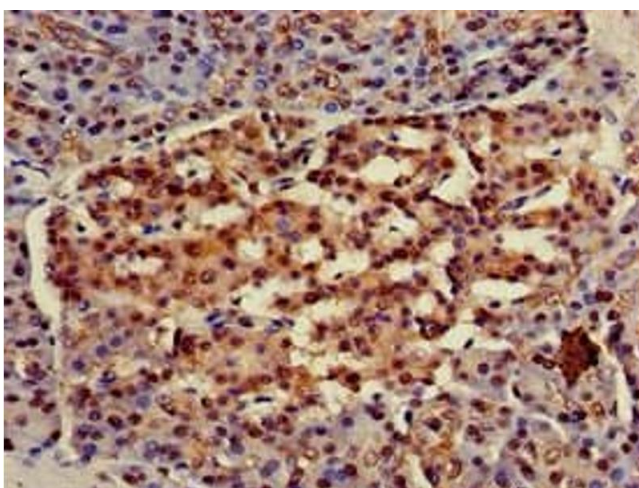
**Western Blotting**

**Image 1.** Western Blot Positive WB detected in: 293 whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, A549 whole cell lysate All lanes: HSPA8 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 71, 54 kDa Observed band size: 71 kDa



**Western Blotting**

**Image 2.** Western Blot Positive WB detected in: HEK293 whole cell lysate, A549 whole cell lysate, Colo320 whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate, Mouse brain tissue, Rat brain tissue, Rat lung tissue All lanes: HSPA8 antibody at 3.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 71, 54 kDa Observed band size: 71 kDa



**Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7154885 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7154885.