

Datasheet for ABIN2856263
anti-HSPA1B antibody (Center)

4 Images

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Overview

Quantity:	100 µL
Target:	HSPA1B
Binding Specificity:	Center
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human HSP70 1B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Mouse (97 %)
Characteristics:	Rabbit Polyclonal antibody to HSP70 1B (heat shock 70 kDa protein 1B) HSP70 1B antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HSPA1B
Alternative Name:	HSPA1B (HSPA1B Products)
Background:	This intronless gene encodes a 70 kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.
Molecular Weight:	70 kDa
Gene ID:	3304

Application Details

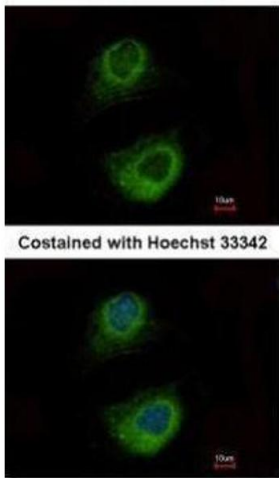
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:500-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:500-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.55 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

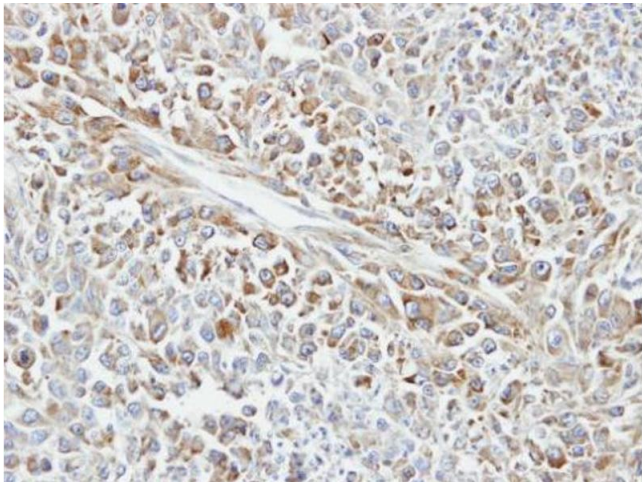
cycles.

Images



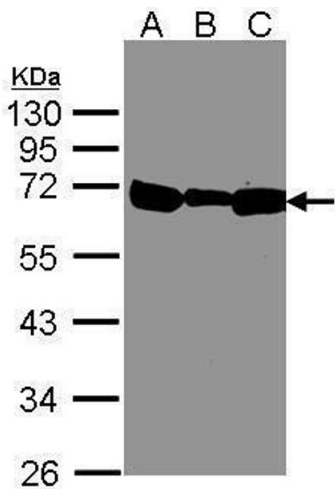
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using HSP70 1B, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human glioma, using HSP70 1B, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image Sample(30 µg of whole cell lysate) A:293T B:A431, C:H1299 12% SDS PAGE antibody diluted at 1:500

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856263.