

Datasheet for ABIN2856050
anti-HSPA1L antibody (Center)

2 Images

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Overview

Quantity:	100 µL
Target:	HSPA1L
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA1L antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human HSP70 1L. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Pig (Porcine), Rat (Rattus), Xenopus laevis, Cow (Bovine), Xenopus tropicalis
Cross-Reactivity (Details):	Mouse (93 %), Pig (94 %), Rat (92 %), Xenopus laevis (81 %), Bovine (94 %), Xenopus tropicalis (84 %)
Characteristics:	Rabbit Polyclonal antibody to HSP70 1L (heat shock 70 kDa protein 1-like) HSP70 1L antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

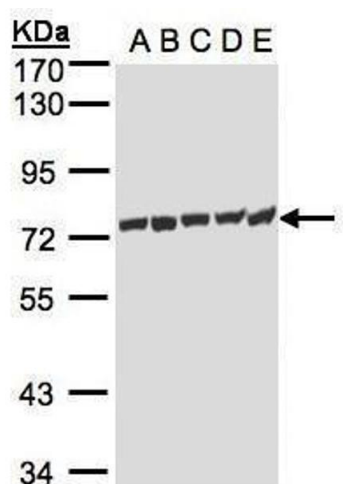
Target:	HSPA1L
Alternative Name:	HSP70 1L (HSPA1L Products)
Background:	This gene encodes a 70 kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70 kDa heat shock protein.
Molecular Weight:	70 kDa
Gene ID:	3305

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* 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* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

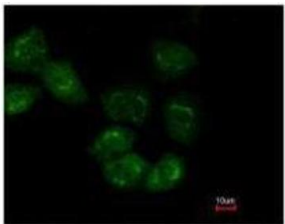
Handling

Format:	Liquid
Concentration:	1 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.

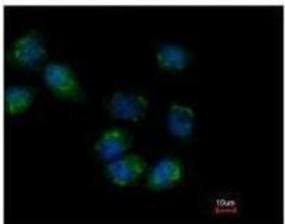


Western Blotting

Image 1. WB Image Sample(30µg whole cell lysate) A: H1299 B: HeLa S3 , C: Hep G2 , D: MOLT4 , E: Raji , 7.5% SDS PAGE antibody diluted at 1:1000



Costained with Hoechst 33342



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using HSP70 1L, antibody at 1:500 dilution.