

Datasheet for ABIN7433138
anti-HSP70 1A antibody (AA 1-641)

7 Images

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Overview

Quantity:	100 µL
Target:	HSP70 1A (HSPA1A)
Binding Specificity:	AA 1-641
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP70 1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Heat Shock 70kDa Protein 1A (HSPA1A)
Immunogen:	Recombinant Heat Shock 70kDa Protein 1A (HSPA1A) corresponding to Met1~Asp641 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HSPA1A. It has been selected for its ability to recognize HSPA1A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Cow, Dog, Goat, Guinea Pig, Horse, Mouse, Pig, Rat, Sheep
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

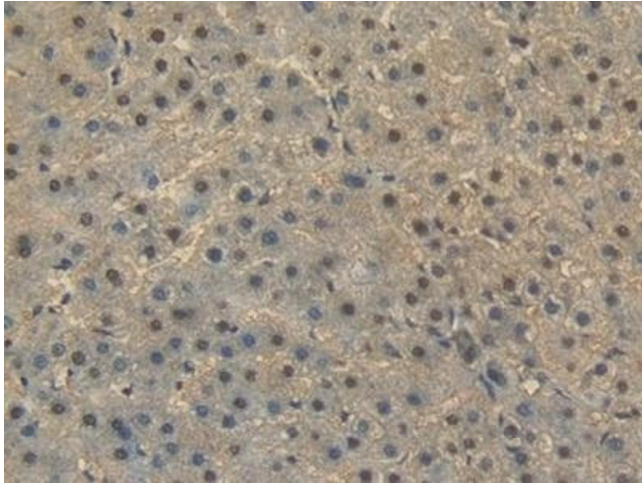
Target:	HSP70 1A (HSPA1A)
Alternative Name:	Heat Shock 70kDa Protein 1A (HSPA1A Products)
Background:	HSP70-1, HSP-A1A, HSPA1, HSP70-2, HSX70
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

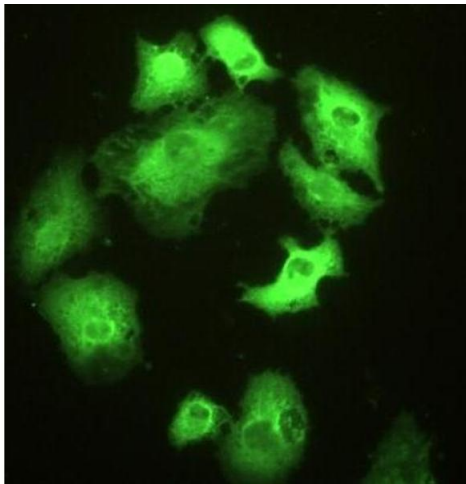
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



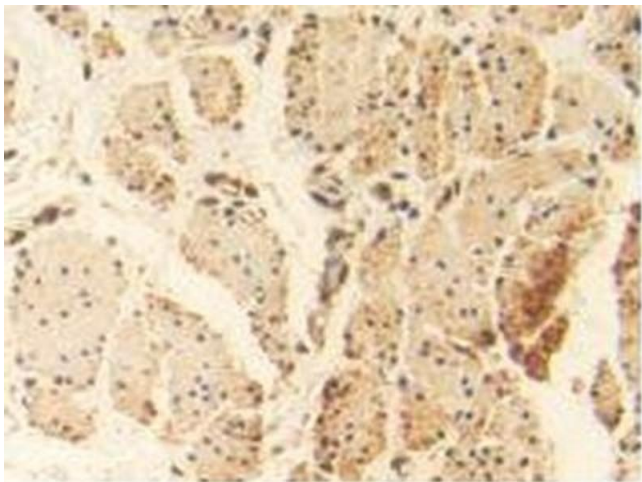
Immunohistochemistry

Image 1. Detection of HSPA1A in Human Liver Tissue using Polyclonal Antibody to Heat Shock 70 kDa Protein 1A (HSPA1A)



Immunofluorescence

Image 2. Detection of HSPA1A in A549 cells using Polyclonal Antibody to Heat Shock 70 kDa Protein 1A (HSPA1A)



Immunohistochemistry

Image 3. Detection of HSPA1A in Human Esophagus Cancer Tissue using Polyclonal Antibody to Heat Shock 70 kDa Protein 1A (HSPA1A)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7433138.