

Datasheet for ABIN7074173

anti-HSPA6 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HSPA6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Human HSPA6
Cross-Reactivity:	Mouse, Rat
Purification:	Affinity purification

Target Details

Target:	HSPA6
Alternative Name:	HSPA6 (HSPA6 Products)
Background:	HSPA6 (also known as HSP70B) is a member of the HSPA (HSP70) family of heat-shock proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. Human HSP70B is known to be strictly inducible and shows very low or no basal expression levels in most cells. HSPA6 induction has been exploited as a reasonable biomarker of cellular stresses and its mRNA expression levels have been

Target Details

shown to be significantly induced against a variety of cellular stresses.

Molecular Weight: 71 kDa

Gene ID: 3310

UniProt: [P17066](#)

Application Details

Application Notes: WB (H,M,R) 1:500-1:1000, IHC/IF (M,R) 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

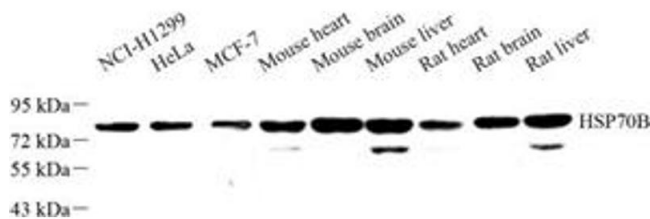
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

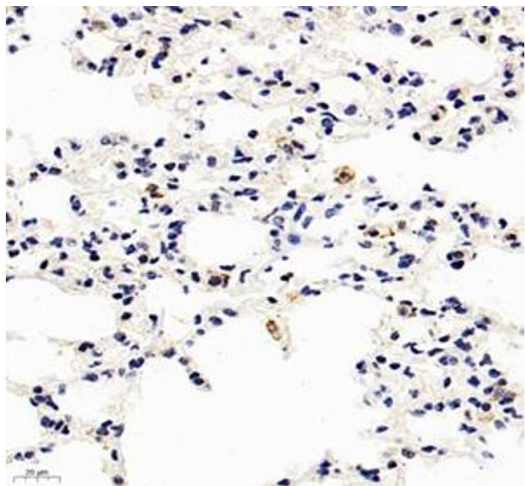
Storage: -20 °C

Images

Western Blotting

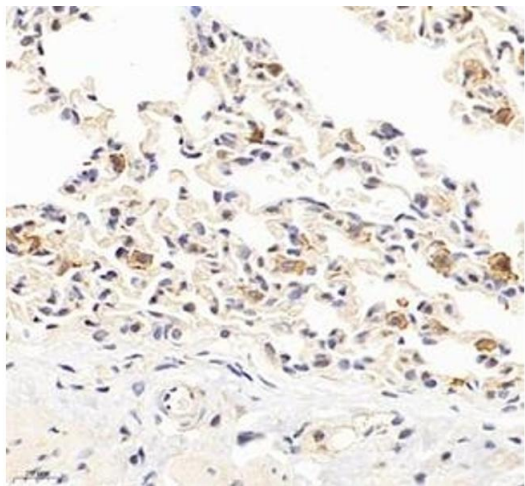
Image 1. Western blot analysis of HSP70B (ABIN7074173) at dilution of 1: 500





Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin embedded mouse lung using HSP70B (ABIN7074173) at dilution of 1: 1000 (400x lens)



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin embedded rat lung using HSP70B (ABIN7074173) at dilution of 1: 1000 (400x lens)