

Datasheet for ABIN7427333  
**anti-HSPA1B antibody (AA 1-641)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	HSPA1B
Binding Specificity:	AA 1-641
Reactivity:	Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPA1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Heat Shock 70kDa Protein 1B (HSPA1B)
Immunogen:	Recombinant Heat Shock 70kDa Protein 1B (HSPA1B) corresponding to Met1~Asp641 (Accession # Q27965)
Clone:	C6
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against HSPA1B. It has been selected for its ability to recognize HSPA1B in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

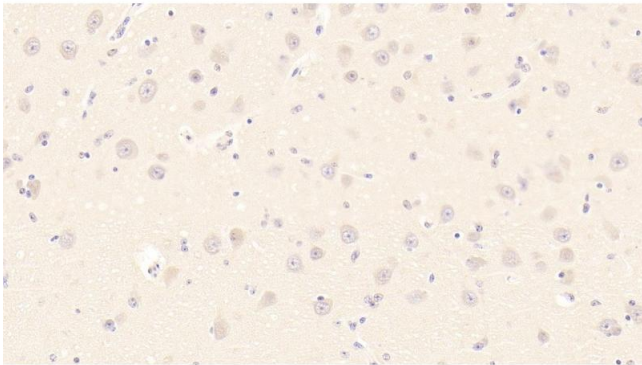
Target:	HSPA1B
Alternative Name:	Heat Shock 70kDa Protein 1B ( <a href="#">HSPA1B Products</a> )
Background:	HSP70-2, HSP-A1B, Heat Shock Protein 72

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

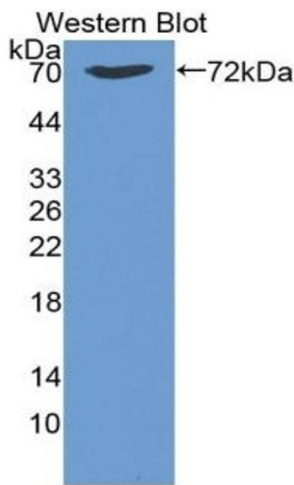
## Handling

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



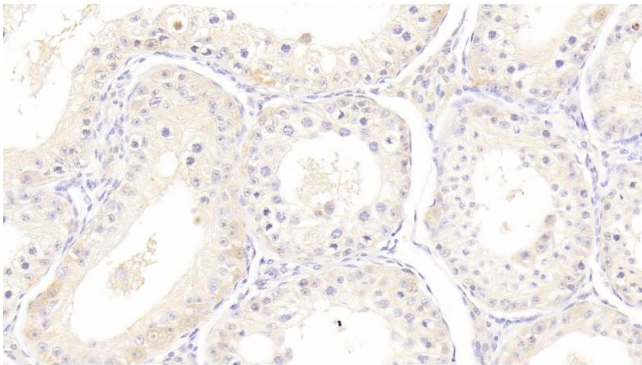
#### Immunohistochemistry

**Image 1.** Detection of HSPA1B in Bovine Cerebrum Tissue using Monoclonal Antibody to Heat Shock 70 kDa Protein 1B (HSPA1B)



#### Western Blotting

**Image 2.** Detection of Recombinant HSPA1B, Bovine using Monoclonal Antibody to Heat Shock 70 kDa Protein 1B (HSPA1B)



#### Immunohistochemistry

**Image 3.** Detection of HSPA1B in Bovine Testis Tissue using Monoclonal Antibody to Heat Shock 70 kDa Protein 1B (HSPA1B)