

## Hsp70 1B Antibody

Cat. No.:	HY-P80713
Synonyms:	Hsp70 1B Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 70 kDa, targeting to Hsp70 1B. It can be used for WB,IHC-P,IP assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P17879
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 70 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	IP	1:20
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	Hsp70 1B: Enables protein folding chaperone. Involved in protein folding. Acts upstream of or within binding activity of sperm to zona pellucida; negative regulation of cysteine-type endopeptidase activity involved in apoptotic process; and response to heat. Located in cell body and mitochondrion. Part of zona pellucida receptor complex. Is expressed in early conceptus; embryo; and humerus. Human ortholog(s) of this gene implicated in several diseases, including brain ischemia; obesity; toxic shock syndrome; type 2 diabetes mellitus; and urinary tract infection. Orthologous to human HSPA1B (heat shock protein family A (Hsp70) member 1B). [provided by Alliance of Genome Resources, Apr 2022]
------------	--

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA