

## HSP70 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04262
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HSPA1L. AA range:221-270
<b>Mol wt</b>	70052
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	HSP70 Antibody
<b>Synonyms</b>	HSPA1L; Heat shock 70 kDa protein 1-like; Heat shock 70 kDa protein 1L; Heat shock 70 kDa protein 1-Hom; HSP70-Hom; HSPA1A; HSPA1; HSPA1B; Heat shock 70 kDa protein 1A/1B; Heat shock 70 kDa protein 1/

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

HSPA1A encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, heat shock protein family A (Hsp70) member 1A stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. HSPA1A is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year