

## HSP70 (Acetyl Lys246) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04260
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized acetyl-peptide derived from the Internal region of human HSP70 around the acetylation site of K246.
<b>Mol wt</b>	70052
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	HSP70 (Acetyl Lys246) Antibody
<b>Synonyms</b>	HSPA1A; HSPA1; HSPA1B; Heat shock 70 kDa protein 1A/1B; Heat shock 70 kDa protein 1/2; HSP70-1/HSP70-2; HSP70.1/HSP70.2

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.

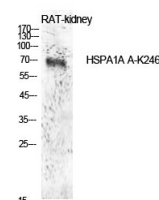
### Recommended Dilution

WB: 1: 500 - 1: 2000

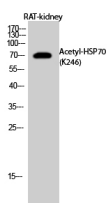
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western Blot analysis of rat kidney cells using Acetyl-HSP70 (K246) Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western Blot analysis of RAT-kidney cells using Acetyl-HSP70 (K246) Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

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