

# HSP70 (Acetyl Lys246) Polyclonal Antibody

# Description

Product type Primary Antibody

Code BT-AP04260

**Host** Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen Synthesized acetyl-peptide derived from the Internal region of human HSP70 around the acetylation site of

K246.

Mol wt 70052

Species reactivity Human

**Clonality** Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name HSP70 (Acetyl Lys246) Antibody

Synonyms HSPA1A; 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 conjuction 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

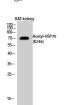
WB: 1: 500 - 1: 2000 ELISA: 1: 10000

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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