

## Product datasheet

# Anti-HSPA4 antibody ab70021

[2 Images](#)

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-HSPA4 antibody                                       |
| <b>Description</b>         | Mouse polyclonal to HSPA4                                 |
| <b>Host species</b>        | Mouse   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB                                   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human                                 |
| <b>Immunogen</b>           | Full length human HSPA4 (AAI10862.1).                     |
| <b>Positive control</b>    | Human liver tissue lysate; HSPA4 transfected 293T lysate. |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| <b>Storage buffer</b>       | Preservative: None<br>Constituents: 1X PBS, pH 7.2  |
| <b>Purity</b>               | Protein A purified  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

### Applications

Our [Abpromise guarantee](#) covers the use of **ab70021** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | 1/500 - 1/1000. Predicted molecular weight: 95 kDa. |

### Target

**Sequence similarities**

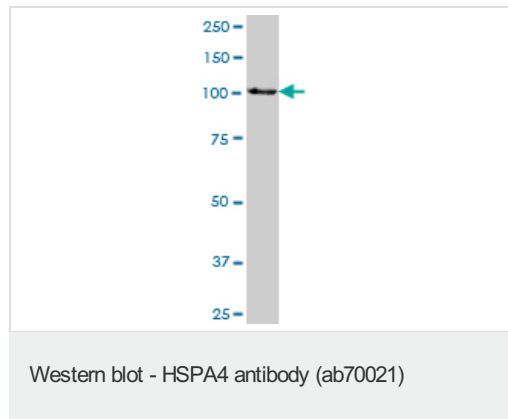
Belongs to the heat shock protein 70 family.

**Post-translational modifications**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**Cellular localization**

Cytoplasm.

**Images**

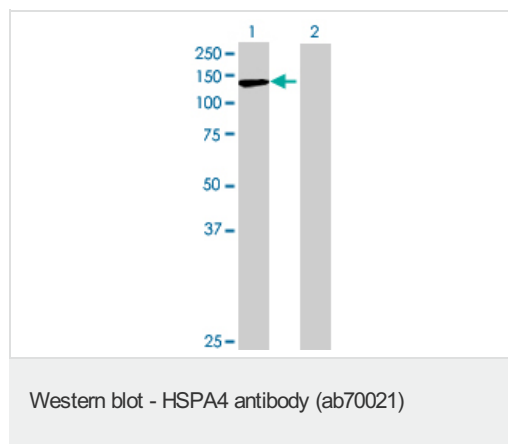
Anti-HSPA4 antibody (ab70021) at 1/500 dilution + human liver tissue lysate at 25 µg

**Secondary**

Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 95 kDa

**Observed band size:** 100 kDa



**All lanes :** Anti-HSPA4 antibody (ab70021) at 1/500 dilution

**Lane 1 :** HSPA4 transfected 293T lysate

**Lane 2 :** Non transfected 293T lysate

Lysates/proteins at 25 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 95 kDa

**Observed band size:** 140 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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