

Product datasheet

Anti-HSPA4 antibody ab70021

2 Images

Overview

Product name	Anti-HSPA4 antibody
Description	Mouse polyclonal to HSPA4
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human HSPA4 (AA110862.1).
Positive control	Human liver tissue lysate; HSPA4 transfected 293T lysate.

Properties

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

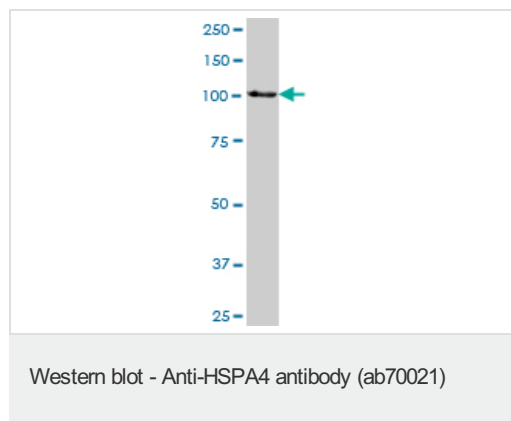
Belongs to the heat shock protein 70 family.

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 μ g

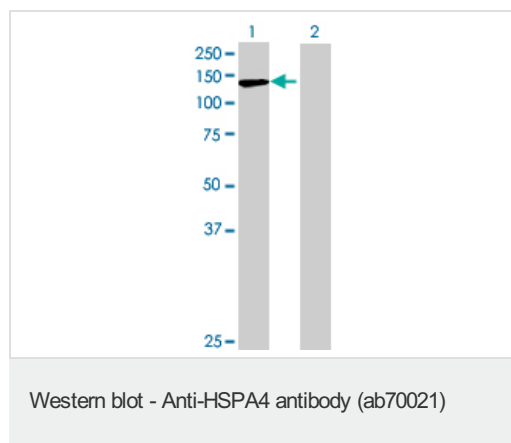
Secondary

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

Predicted band size: 95 kDa

Observed band size: 100 kDa

[why is the actual band size different from the predicted?](#)



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 μ g 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 [why is the actual band size different from the predicted?](#)

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