

Product datasheet

Anti-Hsp105 antibody ab89823

2 Images

Overview

Product name	Anti-Hsp105 antibody
Description	Mouse polyclonal to Hsp105
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human Hsp105 protein (NP_006635.2).
Positive control	Human liver tissue lysate, Hsp105 transfected 293T cell 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 **ab89823** 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		Use a concentration of 1 µg/ml. Predicted molecular weight: 97 kDa.

Target

Function	Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP
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levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities.

Tissue specificity

Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.

Sequence similarities

Belongs to the heat shock protein 70 family.

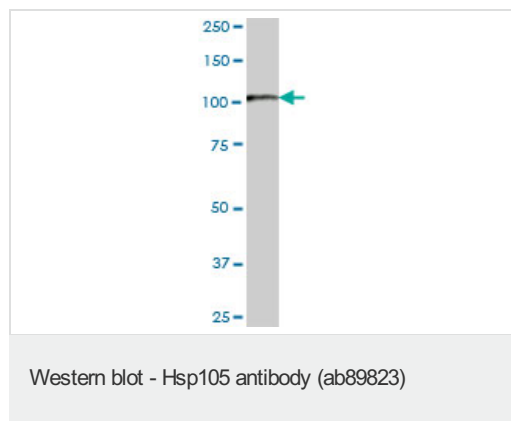
Post-translational modifications

Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity.

Cellular localization

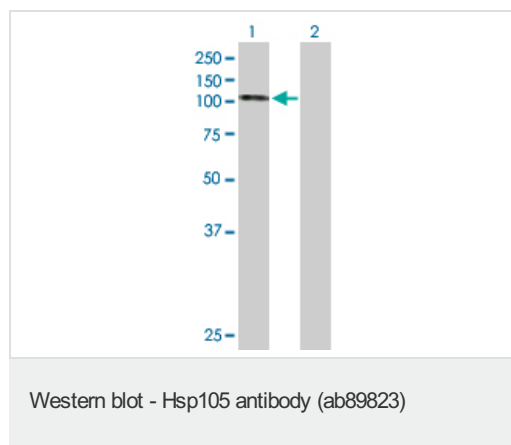
Cytoplasm.

Images



Anti-Hsp105 antibody (ab89823) at 1 μ g/ml + human liver tissue lysate at 50 μ g

Predicted band size : 97 kDa



All lanes : Anti-Hsp105 antibody (ab89823) at 1 μ g/ml

Lane 1 : Hsp105 transfected 293T cell lysate

Lane 2 : Non transfected lysate

Lysates/proteins at 25 μ g per lane.

Predicted band size : 97 kDa

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