abcam

Product datasheet

Anti-XAB1/GPN1 antibody ab88445

3 Images

Overview

Product name	Anti-XAB1/GPN1 antibody
Description	Mouse polyclonal to XAB1/GPN1
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Full length Human XAB1 protein (NP_009197.1, 1-374aa)
Positive control	XAB1 transfected 293T cell lysate, HeLa cell lysate, Human liver 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

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab88445 in the following tested applications.

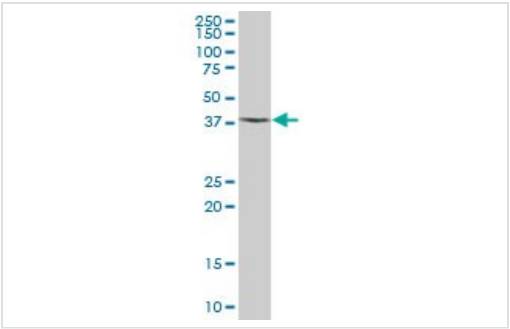
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 42 kDa.

Target

Function	Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. May be involved in nuclear localization of XPA.
Tissue specificity	Expressed ubiquitously.
Sequence similarities	Belongs to the GPN-loop GTPase family.
Cellular localization	Cytoplasm.

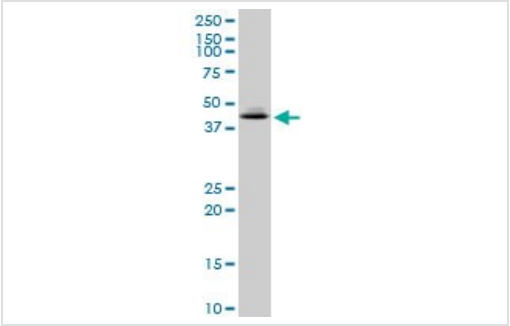
Images



Western blot - Anti-XAB1 antibody (ab88445)

Anti-XAB1/GPN1 antibody (ab88445) at 1 µg/ml + Human liver lysate at 50 µg

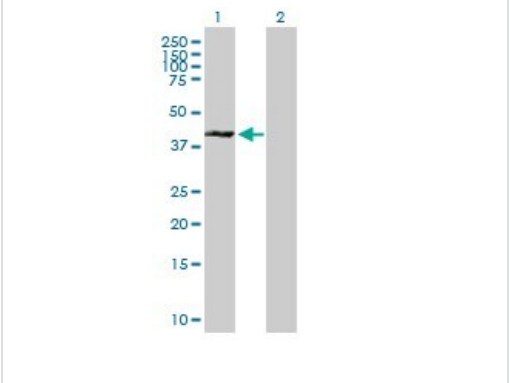
Predicted band size: 42 kDa
Observed band size: 37 kDa



Western blot - Anti-XAB1 antibody (ab88445)

Anti-XAB1/GPN1 antibody (ab88445) at 1 µg/ml + HeLa cell lysate at 25 µg

Predicted band size: 42 kDa
Observed band size: 42 kDa



Western blot - Anti-XAB1 antibody (ab88445)

All lanes : Anti-XAB1/GPN1 antibody (ab88445) at 1 µg/ml

Lane 1 : XAB1 transfected 293T cell lysate
Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 42 kDa
Observed band size: 42 kDa

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