abcam

Product datasheet

Anti-RTT106 antibody ab130122

1 Image

Overview

Product name	Anti-RTT106 antibody
Description	Rabbit polyclonal to RTT106
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Saccharomyces cerevisiae
Immunogen	Synthetic peptide corresponding to Saccharomyces cerevisiae RTT106 aa 50-150 conjugated to keyhole limpet haemocyanin. Database link: P40161
Positive control	This antibody gave a positive signal in both Wild Type Exponentially growing yeast and W303 Saccromyces cerevisiae.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab130122** in the following tested applications.

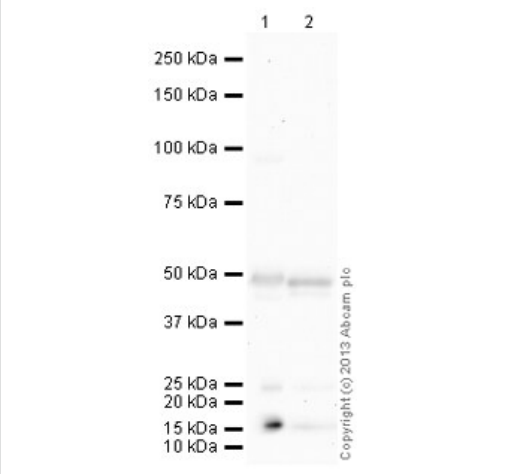
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/250. Detects a band of approximately 49 kDa (predicted molecular weight: 52 kDa).

Target

Function	Histones H3 and H4 chaperone involved in the nucleosome formation and heterochromatin silencing. Involved in regulation of Ty1 transposition.
Sequence similarities	Belongs to the RTT106 family.
Cellular localization	Nucleus. Chromosome.

Images



Western blot - Anti-RTT106 antibody (ab130122)

All lanes : Anti-RTT106 antibody (ab130122) at 1/250 dilution (Milk blocking 3%)

Lane 1 : Exponentially Growing WT Yeast Whole Cell Lysate
Lane 2 : W303 Yeast Lysate Whole Cell Lysate

Lysates/proteins at 25 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 52 kDa
Observed band size: 49 kDa
why is the actual band size different from the predicted?
Additional bands at: 16 kDa (possible non-specific binding)

Exposure time: 20 minutes

This blot was produced using a 10% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Milk before

being incubated with ab130122 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.

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