

Product datasheet

Anti-Loquacious antibody ab24237

1 Image

Overview

Product name	Anti-Loquacious antibody
Description	Rabbit polyclonal to Loquacious
Host species	Rabbit
Specificity	ab24237 specifically recognises recombinant Loquacious fragment protein. However, ab24237 does not appear to detect endogenous Loquacious in Drosophila embryo lysate, which may be due to low expression in this lysate.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Drosophila melanogaster
Immunogen	Recombinant fragment corresponding to Drosophila melanogaster Loquacious.
Positive control	This antibody gave a positive signal in the following recombinant protein: Loquacious recombinant (immunizing) fragment protein.

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	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab24237** in the following tested applications.

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

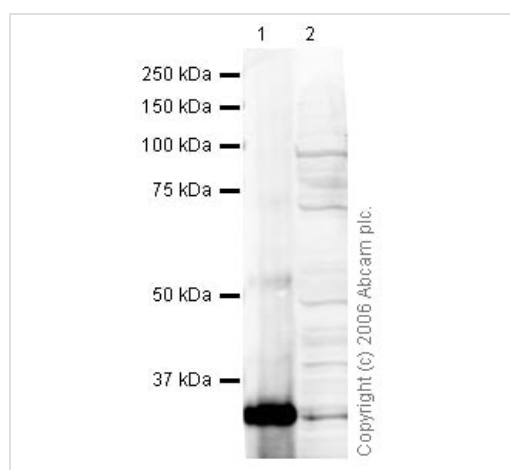
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 45 kDa.

Target

Relevance Loquacious is a Drosophila double-stranded RNA binding protein that is required for efficient microRNA-mediated gene silencing by Dicer-1. microRNAs (miRNAs) are single-stranded, 21- to 23-nucleotide cellular RNAs that control the expression of cognate target genes.

Cellular localization Nuclear

Images



Western blot - Anti-Loquacious antibody (ab24237)

All lanes : Anti-Loquacious antibody (ab24237) at 1 µg/ml

Lane 1 : Loquacious recombinant fragment protein

Lane 2 : Drosophila embryo lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG (Alexa Fluor® 680) at 1/10000 dilution

Predicted band size: 45 kDa

Observed band size: 35 kDa

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

ab24237 specifically recognises the immunizing Loquacious recombinant fragment protein at 35 kDa (lane1). However, endogenous Loquacious was not detected in Drosophila embryo lysate at 45 kDa (lane2). This may be due to low expression of Loquacious in this lysate.

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