


Product datasheet

Anti-p130 antibody ab235275

[1 Image](#)

Overview

Product name	Anti-p130 antibody
Description	Rabbit polyclonal to p130
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: MOLT4 whole cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituent: PBS
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab235275 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 at an assay dependent concentration. Predicted molecular weight: 128 kDa. Recommended for human samples only.

Target

Function	Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases SUV420H1 and SUV420H2, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor.
Sequence similarities	Belongs to the retinoblastoma protein (RB) family.
Developmental stage	G0-restricted expression.
Post-translational modifications	During G0 and early G1 phase of the cell cycle, phosphorylated on Ser-639 and on 5 sites within the domain B. Phosphorylation on Ser-672 in G1 leads to its ubiquitin-dependent proteolysis.
Cellular localization	Nucleus.

Images



Western blot - Anti-p130 antibody (ab235275)

All lanes : Anti-p130 antibody (ab235275) at 1/1000 dilution

Lane 1 : MOLT4 whole cell lysate at 1 µg

Lane 2 : MOLT4 whole cell lysate at 10 µg

Lane 3 : Human eye tissue at 1 µg

Lane 4 : Human eye tissue at 10 µg

Secondary

All lanes : Goat anti-rabbit IgG peroxidase conjugated at 1/10000 dilution

Predicted band size: 128 kDa

Observed band size: 125 kDa

Exposure time: 15 seconds

Human Protein Atlas: Cell line RNA database 22.9 NX = MOLT4.

IP experiment was performed but did not successfully pull-down p130 in MOLT4 lysate. Antibody is not recommended for IP under these conditions.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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