

Datasheet for ABIN954473
anti-p130 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	p130 (RBL2)
Binding Specificity:	AA 164-195, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p130 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 164-195 amino acids from the N-terminal region of Human RBL2. Genename: RBL2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RBL2 / p130 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	p130 (RBL2)
Alternative Name:	RBL2 / p130 (RBL2 Products)
Background:	RBL2 is a key regulator of entry into cell division. Directly involved in heterochromatin formation

Target Details

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. RBL2 may act as a tumor suppressor. Synonyms: 130 kDa retinoblastoma-associated protein, RB2, RBR-2, Retinoblastoma-like protein 2, Retinoblastoma-related protein 2, p130, pRb2

Molecular Weight: 128367 Da

Gene ID: 5934

NCBI Accession: [NP_005602](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

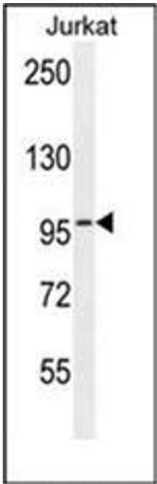
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of RBL2 / p130 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the RBL2 antibody detected the RBL2 protein (arrow).