

Datasheet for ABIN7540634
anti-p130 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	p130 (RBL2)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p130 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	p130 Antibody
Immunogen:	Anti-p130 antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a C-terminal portion of human Retinoblastoma-like protein 2 conjugated to Keyhole Limpet Hemocyanin (KLH).
Isotype:	IgG
Cross-Reactivity (Details):	This affinity purified antibody is directed against human Retinoblastoma-like protein 2.
Purification:	The antibody was affinity purified from monospecific antiserum by immunoaffinity purification.
Sterility:	Sterile filtered

Target Details

Target:	p130 (RBL2)
Alternative Name:	RBL2 (RBL2 Products)
Background:	Rabbit Anti-p130 Antibody, Rabbit Anti-Retinoblastoma-like protein 2 Antibody, RB Transcriptional Corepressor Like 2, 130 KDa Retinoblastoma-Associated Protein, Retinoblastoma-Related Protein 2, Retinoblastoma-Like Protein 2, Retinoblastoma-Like 2, RBR-2, Retinoblastoma-Associated Protein (130 KDa) is a key regulator of entry into cell division. p130 is directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. It recruits and targets histone methyltransferases KMT5B and KMT5C, leading to epigenetic transcriptional repression and controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters and is a potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. It binds to cyclins A and E, as well as, binds to and may be involved in the transforming capacity of the adenovirus E1A protein. p130 may act as a tumor suppressor. Anti-p130 Antibody may be useful for researchers interested in Adipogenesis, Retinoblastoma, and Retinal Cancer.
Gene ID:	5934
NCBI Accession:	NP_001310537
UniProt:	Q08999
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases

Application Details

Application Notes:	ELISA_Dilution: 1:10,000 - 1:50,000 Western_Blot_Dilution: 1 µg/mL
Comment:	Anti-p130 Antibody has been tested in ELISA and WB. Expect bands ~128.4 kDa in western blot using appropriate tissues or lysates. Positive control used: MOLT-4 lysate in western blot.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months