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Datasheet for ABIN7167794
anti-p130 antibody (AA 417-616) (HRP)

Overview

Quantity:	100 µL
Target:	p130 (RBL2)
Binding Specificity:	AA 417-616
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p130 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Retinoblastoma-like protein 2 protein (417-616AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	p130 (RBL2)
Alternative Name:	RBL2 (RBL2 Products)
Background:	Background: Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive

Target Details

heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases KMT5B and KMT5C, 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 transactivation, 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.

Aliases: 130 kDa retinoblastoma associated protein antibody, 130 kDa retinoblastoma-associated protein antibody, IB4 antibody, p130 antibody, PPAR-alpha-interacting complex protein 128 antibody, PRB2 antibody, Rb2 antibody, Rbl2 antibody, RBL2_HUMAN antibody, RBR 2 antibody, RBR-2 antibody, RBR2 antibody, Retinoblastoma like 2 antibody, Retinoblastoma-like protein 2 antibody, Retinoblastoma-related protein 2 antibody, RIC128 antibody

UniProt: [Q08999](#)

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

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.