

Datasheet for ABIN7167791
anti-p130 antibody (AA 417-616)[Go to Product page](#)

1 Image

Overview

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

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 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.

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: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

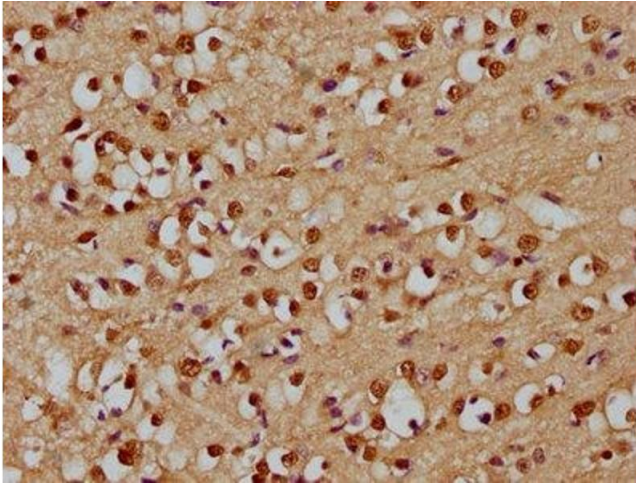
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunohistochemistry

Image 1. IHC image of ABIN7167791 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.