

Datasheet for ABIN7075406  
**anti-p130 antibody**



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## Overview

Quantity:	100 µL
Target:	p130 (RBL2)
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p130 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein corresponding to Mouse Rb2 p130
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	p130 (RBL2)
Alternative Name:	Rb2 p130 ( <a href="#">RBL2 Products</a> )
Background:	RBL2 (also known as p130) or Retinoblastoma-like protein 2 is a key regulator of entry into cell division. It is directly involved in heterochromatin formation by maintaining overall chromatin structure and (in particular) that of constitutive heterochromatin by stabilizing histone methylation. RBL2 recruits and targets histone methyltransferases KMT5B and KMT5C leading to epigenetic transcriptional repression. It controls histone H4 'Lys20' trimethylation. It probably

## Target Details

also acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. RBL2 serves as a potent inhibitor of E2F-mediated trans-activation and associates preferentially with E2F5.

Gene ID: 19651

NCBI Accession: [NP\\_001268929](#)

UniProt: [Q64700](#)

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

## Application Details

Application Notes: IHC/IF (M,R) 1:500-1:1500

Restrictions: For Research Use only

## Handling

Format: Liquid

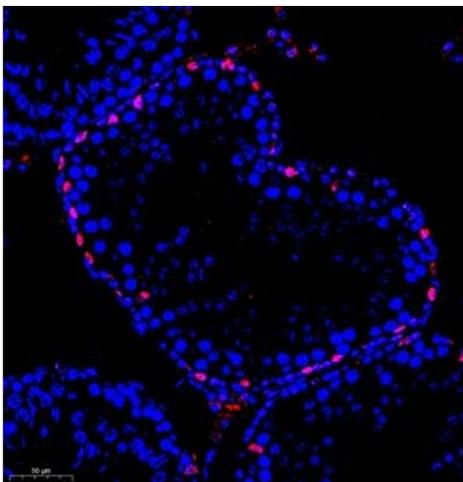
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

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

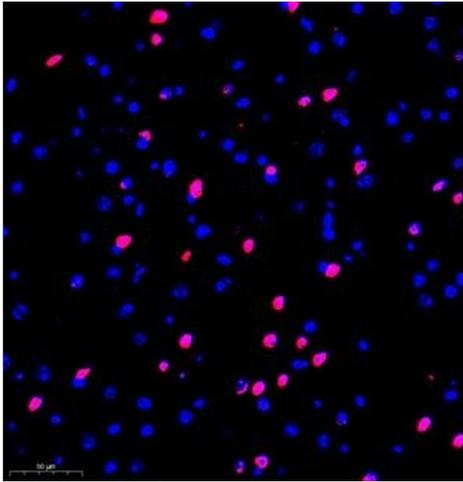
Storage: -20 °C

## Images



### Immunofluorescence (Paraffin-embedded Sections)

**Image 1.** Immunofluorescence of paraffin embedded rat testis using kb12 (ABIN7075406) at dilution of 1:700 (260x lens)



#### Immunofluorescence (Paraffin-embedded Sections)

**Image 2.** Immunofluorescence of paraffin embedded mouse brain using kb12 (ABIN7075406) at dilution of 1:700 (300x lens)