



Rabbit Anti-Human RBX1 polyclonal antibody (DCABH-1687)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Mouse
Target	RBX1
Immunogen	Synthetic peptide derived from C-terminus of human ROC1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	13 kDa
Cellular Localization	Nucleus
Positive Control	Tonsil
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

ROC1 and ROC2 are the two highly conserved RING finger proteins that are homologous to APC11, a subunit of the anaphase-promoting complex (APC) . ROC1 and ROC2 commonly interact with all cullins while APC11 specifically interacts with APC2, a cullin-related APC subunit. ROC1 and APC11 immunocomplexes can catalyze isopeptide ligations to form polyubiquitin chains in an E1- and E2-dependent manner. ROC1 is thought to play a unique role in the ubiquitination reaction by heterodimerizing with cullin1 to catalyze ubiquitin polymerization.

Keywords

RBX1;ring-box 1, E3 ubiquitin protein ligase;ROC1;RNF75;BA554C12.1;E3 ubiquitin-protein ligase RBX1;ZYP protein;RING box protein 1;RING-box protein 1;RING finger protein 75;regulator of cullins 1

GENE INFORMATION

Entrez Gene ID

[9978](#)

UniProt ID

[P62877](#)
