+     * 


## 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 | $\lg G$ |
| 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 | $2-8^{\circ} \mathrm{C}$. 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 <br> APC11, a subunit of the anaphase-promoting complex (APC) . ROC1 and ROC2 commonly <br> interact with all cullins while APC11 specifically interacts with APC2, a cullin-related APC <br> subunit. ROC1 and APC11 immunocomplexes can catalyze isopeptide ligations to form <br> polyubiquitin chains in an E1- and E2-dependent manner. ROC1 is thought to play a unique <br> role in the ubiquitination reaction by heterodimerizing with cullin1 to catalyze ubiquitin <br> polymerization. |
| :--- | :--- |
| Keywords | RBX1;ring-box 1, E3 ubiquitin protein ligase;ROC1;RNF75;BA554C12.1;E3 ubiquitin-protein <br> ligase RBX1;ZYP protein;RING box protein 1;RING-box protein 1;RING finger protein <br> $75 ;$ regulator of cullins 1 |

## GENE INFORMATION

## Entrez Gene ID 9978

UniProt ID
$\underline{P 62877}$

