
Anti- Rbx1

Cat #: HM1318
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Rbx1 (also known as ROC1 and Hrt1) and the closely related protein Rbx2 (ROC2) are RING finger containing homologs of the yeast protein APC11, a member of the anaphase promoting complex (APC). It is a component of the von Hippel-Lindau (VHL) transcription elongation complex, which includes VHL, Elongin B, Elongin C and Cullin-2. Rbx1 interacts with Cullin-1 in the SCF (Skp1- Cdc53-F-box protein) ubiquitin ligase complex. Rbx1 plays a unique role in the ubiquitination reaction by heterodimerizing with cullin-1 to catalyze ubiquitin polymerization. It also may be involved in the regulation of protein turn-over.

SPECIFICITY

This antibody reacts with Rbx1 and Rbx2 of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Recombinant protein representing N-terminus of human Rbx1 protein.

STORAGE

This antibody is stable for 24 months when stored at 2-8°C.

REFERENCES

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