



[Go to Product page](#)

Datasheet for ABIN7091633
anti-RBCK1 antibody

Overview

Quantity:	100 µL
Target:	RBCK1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RBCK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human RBCK1 (UBCE7IP3).
Clone:	R5E2
Predicted Reactivity:	Human

Target Details

Target:	RBCK1
Alternative Name:	RBCK1 (RBCK1 Products)
Background:	Synonyms: C20orf18, HOIL1_HUMAN, RanBP-type and C3HC4-type zinc finger-containing protein 1, HBV-associated factor 4, Heme-oxidized IRP2 ubiquitin ligase 1, HOIL-1, Hepatitis B virus X-associated protein 4, RING finger protein 54, RING-type E3 ubiquitin transferase HOIL-1, Ubiquitin-conjugating enzyme 7-interacting protein 3, RNF54, UBCE7IP3, XAP3, XAP4. Background: Acts as an E3 ubiquitin-protein ligase, or as part of an E3 complex, which accepts

Target Details

ubiquitin from specific E2 ubiquitin-conjugating enzymes, such as UBE2L3/UBCM4, and then transfers it to substrates. Functions as an E3 ligase for oxidized IREB2 and both heme and oxygen are necessary for IREB2 ubiquitination. Promotes ubiquitination of TAB2 and IRF3 and their degradation by the proteasome. Component of the LUBAC complex which conjugates linear polyubiquitin chains in a head-to-tail manner to substrates. LUBAC conjugates linear polyubiquitin to IKBKG at 'Lys-285' and 'Lys-309' and is involved in activation of the canonical NF-kappa-B and the JNK signaling pathways. LUBAC is proposed to be recruited to the TNF-R1 signaling complex (TNF-RSC) following polyubiquitination of TNF-RSC components by BIRC2 and/or BIRC3 and to conjugate linear polyubiquitin to IKBKG and possibly other components contributing to the stability of the complex. Binds polyubiquitin of different linkage types.

Gene ID: 10616

UniProt: [Q9BYM8](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months