

11-6007: Polyclonal Antibody to HOIL-1L/RBCK1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	RBCK1
Gene ID :	10616
Uniprot ID :	Q9BYM8
Format :	Purified
Alternative Name :	RBCK1,C20orf18,RNF54,UBCE7IP3,XAP3,XAP4
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant HOIL-1L/RBCK1 protein (amino acids 121-333) was used as the immunogen for this antibody.

Description

RBCK1 (RanBP-type and C3HC4-type zinc finger containing 1) is a transcription factor belonging to the RING-IBR protein family. It shuttles between the nucleus and cytoplasm, possessing both the nuclear export and localization signals within its amino acid sequence. RBCK1 deficiency causes polyglucosan storage myopathy associated with progressive muscle weakness and cardiomyopathy. RBCK1 negatively regulates the cellular antiviral response. RBCK1 regulates cell cycle progression and proliferation of ERalpha (estrogen receptor alpha)-positive breast cancer cells by supporting transcription of ERalpha and cyclin B1.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

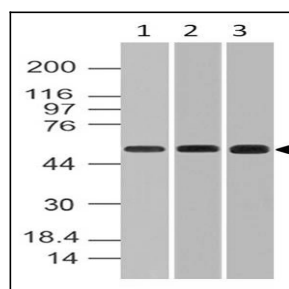


Fig-1: Western blot analysis of HOIL-1L/RBCK. Anti-HOIL-1L/RBCK antibody (11-6007) was used at 2 µg/ml on (1) A375, (2) 293 and (3) Jurkat lysates.