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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:

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

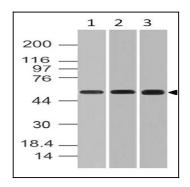


Fig-1: Western blot analysis of HOIL-1L/RBCK. Anti-HOIL-1L/RBCK antibody (11-6007) was used at 2 µg/ml on (1) A375, (2) 293 and (3) Jurkat lysates.