

Datasheet for ABIN7148750

anti-Cullin 2 antibody (AA 591-742) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Cullin 2 (CUL2)
Binding Specificity:	AA 591-742
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cullin 2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cullin-2 protein (591-742AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Cullin 2 (CUL2)
Alternative Name:	CUL2 (CUL2 Products)
Background:	Background: Core component of multiple cullin-RING-based ECS (ElonginB/C-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination of target

Target Details

proteins. May serve as a rigid scaffold in the complex and may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The E3 ubiquitin-protein ligase activity of the complex is dependent on the neddylation of the cullin subunit and is inhibited by the association of the deneddylated cullin subunit with TIP120A/CAND1 (By similarity). The functional specificity of the ECS complex depends on the substrate recognition component. ECS(VHL) mediates the ubiquitination of hypoxia-inducible factor (HIF).
Aliases: Cul2 antibody, CUL 2 antibody, CUL-2 antibody, CUL2 antibody, CUL2_HUMAN antibody, cullin 2 antibody, cullin homolog 2 antibody, Cullin-2 antibody, MGC131970 antibody

UniProt: [Q13617](#)
Pathways: [M Phase](#), [Asymmetric Protein Localization](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.
Restrictions: For Research Use only

Handling

Format: Liquid
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative: ProClin
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: -20 °C,-80 °C
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.