Datasheet for ABIN7148752

anti-Cullin 2 antibody (AA 591-742) (HRP)

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 HRP
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.