

Cullin 2 Rabbit pAb

db4645

Package : 20µL 50µL 100µL

Product Name : Cullin 2 Rabbit pAb**Cat.No.:** db4645**Synonyms** : CUL2; Cullin-2**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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 proteins. ECS complexes and ARIH1 collaborate in tandem to mediate ubiquitination of target proteins (PubMed:27565346). 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. The functional specificity of the ECS complex depends on the substrate recognition component. ECS(VHL) mediates the ubiquitination of hypoxia-inducible factor (HIF).

Immunogen

A synthetic peptide of human Cullin 2

Gene ID

8453

Swiss Prot

Q13617

Synonyms

CUL2; Cullin-2

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

IHC: 1:20

ICC/IF: 1:20

FC: 1:20

IP: 1:20

Calculated MW

87 kDa

Observed MW

87 kDa

Host species

Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.