

RCCD1 Rabbit pAb

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Catalog # AP55279

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	A6NED2
Predicted	Rat, Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40079
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RCCD1
Epitope Specificity	281-376/376
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	91433
Other Names	RCC1 domain-containing protein 1, RCCD1 {ECO:0000303 PubMed:29563586, ECO:0000312 HGNC:HGNC:30457}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RCCD1 {ECO:0000303 PubMed:29563586, ECO:0000312 HGNC:HGNC:30457}
Function	Plays a role in transcriptional repression of satellite repeats, possibly by regulating H3K36 methylation levels in centromeric regions together with KDM8 (PubMed: 24981860). Possibly together with KDM8, is involved in proper mitotic spindle organization and chromosome segregation (PubMed: 24981860). Plays a role in regulating alpha-tubulin deacetylation and cytoskeletal microtubule stability, thereby promoting cell migration and

TGF-beta-induced epithelial to mesenchymal transition (EMT), potentially through the inhibition of KDM8 (PubMed:[28455245](#)).

Cellular Location

Chromosome. Note=Colocalizes with trimethylated 'Lys-9' of histone H3 (H3K9me3)

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.