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CCDC23 Rabbit pAb

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Catalog # AP58865

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8N300
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	7808
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCDC23
Epitope Specificity	1-66/66
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	374969
Other Names	Small vasohibin-binding protein, Coiled coil domain-containing protein 23 {ECO:0000312|HGNC:HGNC:29204}, SVBP {ECO:0000303|PubMed:20736312, ECO:0000312|HGNC:HGNC:29204}
Dilution	IHC-P=1:100-500,IHC-F=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	SVBP {ECO:0000303|PubMed:20736312, ECO:0000312|HGNC:HGNC:29204}
Function	Enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin (PubMed:29146869, PubMed:31171830, PubMed:31235910, PubMed:31235911, PubMed:31270470, PubMed:31324789). This activity is critical for spindle function and accurate chromosome segregation during mitosis since microtubule detyrosination regulates mitotic spindle length and postioning (PubMed:31171830). Also required to enhance the solubility and

	secretion of VASH1 and VASH2 (PubMed:20736312, PubMed:27879017, PubMed:30607023). Plays a role in axon and excitatory synapse formation (PubMed:31235911).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:Q99LQ4}. Secreted {ECO:0000250|UniProtKB:Q99LQ4}. Cytoplasm, cytoskeleton. Note=Detected both intracellularly and extracellularly (By similarity). Within cells, localizes mainly to the apical part of the cell (By similarity) {ECO:0000250|UniProtKB:Q99LQ4}

Background

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