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POC1A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18491a

Product Information

Application	WB, E
Primary Accession	Q8NBT0
Other Accession	Q8JZX3, Q7ZVF0, NP_001155052.1
Reactivity	Human, Mouse
Predicted	Zebrafish, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37964
Calculated MW	45009
Antigen Region	34-61

Additional Information

Gene ID	25886
Other Names	POC1 centriolar protein homolog A, Pix2, Proteome of centriole protein 1A, WD repeat-containing protein 51A, POC1A, WDR51A
Target/Specificity	This POC1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-61 amino acids from the N-terminal region of human POC1A.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	POC1A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POC1A
Synonyms	WDR51A

Function	Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control. Acts in concert with POC1B to ensure centriole integrity and proper mitotic spindle formation.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, spindle pole. Note=Component of both mother and daughter centrioles

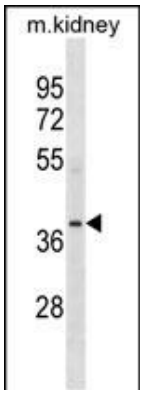
Background

The function of this protein remains unknown.

References

Keller, L.C., et al. Mol. Biol. Cell 20(4):1150-1166(2009)
Hames, R.S., et al. Exp. Cell Res. 314(3):574-589(2008)

Images



POC1A Antibody (N-term) (Cat. #AP18491a) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the POC1A antibody detected the POC1A protein (arrow).

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