10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCIN Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17618c

Product Information

Application	WB, E
Primary Accession	Q13939
Other Accession	Q5XI58, Q8CDE2, Q28068, NP_005884.2
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37671
Calculated MW	66582
Antigen Region	373-400

Additional Information

Gene ID	881
Other Names	Calicin, CCIN
Target/Specificity	This CCIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 373-400 amino acids from the Central region of human CCIN.
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	CCIN Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCIN
Function	Required for both nuclear and acrosomal shaping during spermiogenesis.
Cellular Location	Cytoplasm, cytoskeleton, perinuclear theca, calyx

Tissue Location	Expressed in testis, in spermatozoa (at protein level).

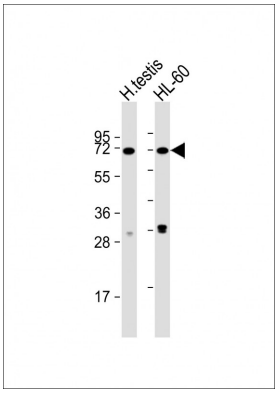
Background

The protein encoded by this gene is a basic protein of the sperm head cytoskeleton. This protein contains kelch repeats and a BTB/POZ domain and is necessary for normal morphology during sperm differentiation. This gene is intronless.

References

Lecuyer, C., et al. Biol. Reprod. 63(6):1801-1810(2000)
von Bulow, M., et al. Exp. Cell Res. 219(2):407-413(1995)

Images



All lanes : Anti-CCIN Antibody (Center) at 1:1000 dilution Lane 1: human testis lysate Lane 2: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 67 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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