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

C11orf20 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14718b

Product Information

Application	WB, E
Primary Accession	Q9NTU4
Other Accession	NP_001034585.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34885
Calculated MW	22839
Antigen Region	172-200

Additional Information

Gene ID	25858
Other Names	Testis-expressed sequence 40 protein, TEX40, C11orf20
Target/Specificity	This C11orf20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 172-200 amino acids from the C-terminal region of human C11orf20.
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	C11orf20 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CATSPERZ (HGNC:19231)
Function	Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for a distribution of the CatSper complex in linear quadrilateral nanodomains

	along the flagellum, maximizing fertilization inside the mammalian female reproductive tract. Together with EFCAB9, associates with the CatSper channel pore and is required for the two-row structure of each single CatSper channel.
Cellular Location	Cell projection, cilium, flagellum membrane; Peripheral membrane protein. Note=Specifically located in the principal piece of sperm tail (PubMed:28226241). Although it does not contain a transmembrane domain, localizes with the CatSper complex at the flagellum membrane (PubMed:28226241).

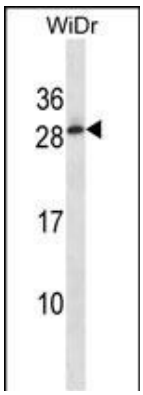
Background

C11orf20 may be involved in late spermatogenesis (By similarity).

References

Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

Images



C11orf20 Antibody (C-term) (Cat. #AP14718b) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the C11orf20 antibody detected the C11orf20 protein (arrow).

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