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DNAJB13 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10884c

Product Information

Application	WB, IHC-P, E
Primary Accession	P59910
Other Accession	Q80Y75, NP_705842.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28389
Calculated MW	36118
Antigen Region	176-205

Additional Information

Gene ID	374407
Other Names	DnaJ homolog subfamily B member 13, Testis and spermatogenesis cell-related protein 6, Testis spermatocyte apoptosis-related gene 6 protein, Testis spermatogenesis apoptosis-related gene 3 protein, Testis spermatogenesis apoptosis-related gene 6 protein, DNAJB13, TSARG3, TSARG6
Target/Specificity	This DNAJB13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-205 amino acids from the Central region of human DNAJB13.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	DNAJB13 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DNAJB13

Synonyms	TSARG3, TSARG6
Function	Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia.
Cellular Location	Cell projection, cilium, flagellum. Note=Localizes both to epithelial motile cilium and the sperm flagellum (PubMed:27486783). In spermatids, rapidly enriched in the coupling apparatus with the elongation of the spermatid. Tightly attached to the implantation fossa during the maturation of the spermatid. In mature spermatzoa evenly distributed along the flagellum (By similarity). {ECO:0000250|UniProtKB:Q80Y75, ECO:0000269|PubMed:27486783}
Tissue Location	Specifically expressed in testis and trachea.

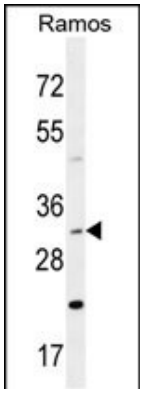
Background

DNAJA13 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins. For background information on the DNAJ family, see 608375.

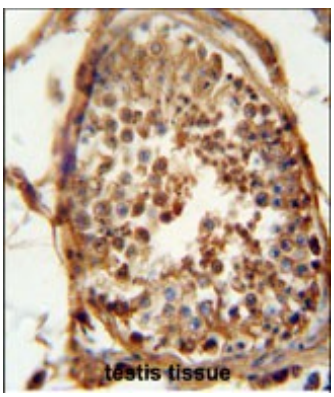
References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)
Liu, G., et al. Acta Biochim. Biophys. Sin. (Shanghai) 36(2):93-98(2004)
Liu, G., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 20(2):107-110(2003)

Images



DNAJB13 Antibody (Center) (Cat. #AP10884c) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the DNAJB13 antibody detected the DNAJB13 protein (arrow).



DNAJB13 antibody (Center) (Cat. #AP10884c) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DNAJB13 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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