

TEX2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17935c

Product Information

Application	WB, E
Primary Accession	Q8IWB9
Other Accession	NP_060939.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38025
Calculated MW	125303
Antigen Region	571-599

Additional Information

Gene ID	55852
Other Names	Testis-expressed sequence 2 protein, Transmembrane protein 96, TEX2, KIAA1738, TMEM96
Target/Specificity	This TEX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 571-599 amino acids from the Central region of human TEX2.
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	TEX2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TEX2
Synonyms	KIAA1738, TMEM96

Function	During endoplasmic reticulum (ER) stress or when cellular ceramide levels increase, may induce contacts between the ER and medial-Golgi complex to facilitate non-vesicular transport of ceramides from the ER to the Golgi complex where they are converted to complex sphingolipids, preventing toxic ceramide accumulation.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q06833}; Multi-pass membrane protein. Nucleus membrane {ECO:0000250 UniProtKB:Q06833}; Multi- pass membrane protein. Note=Enriched at the nucleus- vacuole junction (PubMed:22250200). During endoplasmic reticulum (ER) stress, localizes to ER-Golgi contacts (By similarity) {ECO:0000250 UniProtKB:Q06833, ECO:0000269 PubMed:22250200}

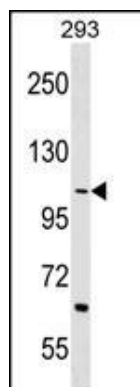
Background

There are two isoforms.

References

Lee, I., et al. FASEB J. 20(2):202-206(2006)

Images



TEX2 Antibody (Center) (Cat. #AP17935c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TEX2 antibody detected the TEX2 protein (arrow).

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