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TES Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19948a

Product Information

Application	WB, E
Primary Accession	Q9UGI8
Other Accession	Q2QLE3, Q90YH9, Q2YDE9, NP_690042.1
Reactivity	Human
Predicted	Bovine, Chicken, Pig
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB41857
Calculated MW	47996
Antigen Region	41-70

Additional Information

Gene ID	26136
Other Names	Testin, TESS, TES
Target/Specificity	This TES antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human TES.
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	TES Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TES
Function	Scaffold protein that may play a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. Plays a role in the regulation of cell proliferation. May act as a tumor suppressor. Inhibits tumor cell growth.

Cellular Location	Cytoplasm. Cell junction, focal adhesion. Note=Detected along actin stress fibers
Tissue Location	Ubiquitous..

Background

Cancer-associated chromosomal changes often involve regions containing fragile sites. This gene maps to a commom fragile site on chromosome 7q31.2 designated FRA7G. This gene is similar to mouse Testin, a testosterone-responsive gene encoding a Sertoli cell secretory protein containing three LIM domains. LIM domains are double zinc-finger motifs that mediate protein-protein interactions between transcription factors, cytoskeletal proteins and signaling proteins. Multiple protein isoforms are encoded by transcript variants of this gene.

References

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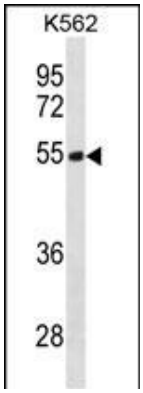
Gunduz, E., et al. Arch. Otolaryngol. Head Neck Surg. 135(3):254-260(2009)
Zhong, Y., et al. Mol. Cell. Biochem. 320 (1-2), 85-92 (2009) :
Huang, W., et al. Ai Zheng 27(9):984-988(2008)
Boeda, B., et al. Mol. Cell 28(6):1071-1082(2007)

Images



TES Antibody (N-term) (Cat. #AP19948a) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the TES antibody detected the TES protein (arrow).