

Testin Rabbit pAb

Catalog # AP96760

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9UGI8
Other Accession	Q9UGI8
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47996
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Testin
Epitope Specificity	161-210/421
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the prickly / espinas / testin family. Contains 3 LIM zinc-binding domains. Contains 1 PET domain.
SUBUNIT	Interacts via LIM domain 1 with ZYX. Interacts (via LIMdomain 3) with ENAH and VASP. Interacts with talin, actin, alpha-actinin, GRIP1 and PXN. Interacts (via LIM domain 2) with ACTL7A (via N-terminus). Heterodimer with ACTL7A; the heterodimer interacts with ENAH to form a heterotrimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Cancer-associated chromosomal changes often involve regions containing fragile sites. This gene maps to a common 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. This protein is a negative regulator of cell growth and may act as a tumor suppressor. This scaffold protein may also play a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. Multiple protein isoforms are encoded by transcript variants of this gene.

Additional Information

Gene ID	26136
Other Names	TESS; TESS-2; D6Ertd352e; Tes1; Tes2; testin2; TES_BOVIN; TES; TES_HORSE; TES_HUMAN; TES_MOUSE; TES1/TES2; TES_PIG; TES_RAT; testin LIM domain protein; testis derived transcript (3 LIM domains)
Dilution	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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..

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