

Product Name: Tensin3 Rabbit Polyclonal Antibody
Catalog #: APRab18795



Summary

Production Name	Tensin3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TNS3
Alternative Names	TNS3; TEM6; TENS1; TPP; Tensin-3; Tensin-like SH2 domain-containing protein 1; Tumor endothelial marker 6
Gene ID	64759.0
SwissProt ID	Q68CZ2.The antiserum was produced against synthesized peptide derived from human TENS3. AA range:541-590

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:20000.
Molecular Weight	

Background

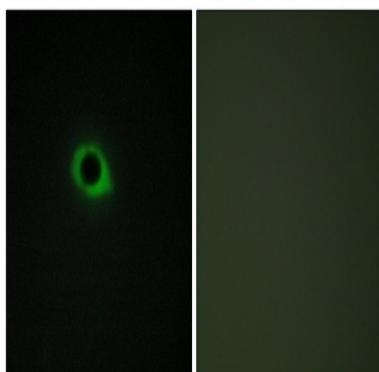
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function: May play a role in actin remodeling. Involved in the dissociation of the integrin-tensin-actin complex. EGF activates TNS4 and down-regulates TNS3 which results in capping the tail of ITGB1. Seems to be involved in mammary cell migration. May be involved in cell migration and bone development., induction: EGF induces down-regulation., PTM: Epidermal growth factor (EGF) induces tyrosine phosphorylation in a time- and dose-dependent manner., similarity: Contains 1 C2 tensin-type domain., similarity: Contains 1 phosphatase tensin-type domain., similarity: Contains 1 SH2 domain., subunit: EGF promotes the interaction with EGFR. Interacts with PTK2 and BCAR1. Tyrosine phosphorylation is critical for these interactions., tissue specificity: Expressed in umbilical vein endothelial cells, epithelial cells, and fibroblasts cells (at protein level). Highly expressed in thyroid, kidney and placenta. Low expression in heart, skeletal muscle, spleen, liver, and lung. Expressed in tumor endothelial cells. Expression seems to be down-regulated in thyroid tumor tissues and in anaplastic carcinomas., function: May play a role in actin remodeling. Involved in the dissociation of the integrin-tensin-actin complex. EGF activates TNS4 and down-regulates TNS3 which results in capping the tail of ITGB1. Seems to be involved in mammary cell migration. May be involved in cell migration and bone development., induction: EGF induces down-regulation., PTM: Epidermal growth factor (EGF) induces tyrosine phosphorylation in a time- and dose-dependent manner., similarity: Contains 1 C2 tensin-type domain., similarity: Contains 1 phosphatase tensin-type domain., similarity: Contains 1 SH2 domain., subunit: EGF promotes the interaction with EGFR. Interacts with PTK2 and BCAR1. Tyrosine phosphorylation is critical for these interactions., tissue specificity: Expressed in umbilical vein endothelial cells, epithelial cells, and fibroblasts cells (at protein level). Highly expressed in thyroid, kidney and placenta. Low expression in heart, skeletal muscle, spleen, liver, and lung. Expressed in tumor endothelial cells. Expression seems to be down-regulated in thyroid tumor tissues and in anaplastic carcinomas.,

Research Area

Image Data



Immunofluorescence analysis of COS7 cells, using TENS3 Antibody. The picture on the right is blocked with the synthesized peptide.

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Note

For research use only.