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Tensin 4 Rabbit mAb

Catalog # AP76187

Product Information

Application	WB
Primary Accession	Q8IZW8
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	76764

Additional Information

Gene ID	84951
Other Names	TNS4
Dilution	WB~~1:500-1:1000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

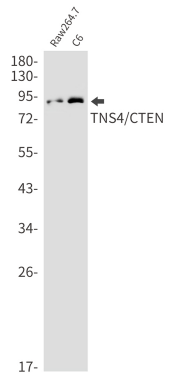
Protein Information

Name	TNS4
Synonyms	CTEN
Function	Promotes EGF-induced cell migration by displacing tensin TNS3 from the cytoplasmic tail of integrin ITGB1 which results in dissociation of TNS3 from focal adhesions, disassembly of actin stress fibers and initiation of cell migration (PubMed:17643115). Suppresses ligand-induced degradation of EGFR by reducing EGFR ubiquitination in the presence of EGF (PubMed:23774213). Increases MET protein stability by inhibiting MET endocytosis and subsequent lysosomal degradation which leads to increased cell survival, proliferation and migration (PubMed:24814316).
Cellular Location	Cell junction, focal adhesion. Cytoplasm, cytoskeleton
Tissue Location	Expressed at low levels in colon (at protein level) (PubMed:19214987, PubMed:19487278). Expressed in prostate and placenta (PubMed:12154022).

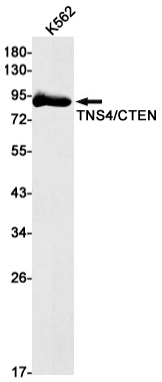
Background

May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton . May promote apoptosis, via its cleavage by caspase-3.

Images



Western blot analysis of TNS4/CTEN in Raw264.7, C6 lysates using Tensin 4 antibody.



Western blot analysis of TNS4/CTEN in K562 lysates using TNS4/CTEN antibody.

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