

TNS4 Antibody
Rabbit mAb
Catalog # AP93023**Specification****TNS4 Antibody - Product Information**

Application	WB
Primary Accession	Q8IZW8
Reactivity	Rat
Clonality	Monoclonal
Other Names	
CTEN; Tensin 4; Tns4;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	76764 Da

TNS4 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TNS4
Description	May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton (By similarity). May promote apoptosis, via its cleavage by caspase-3.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

TNS4 Antibody - 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

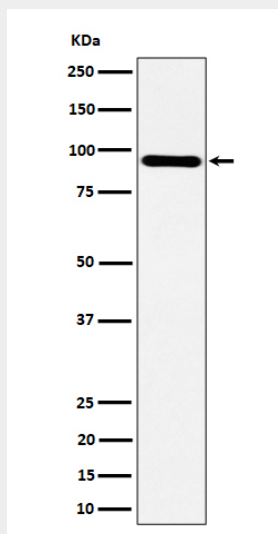
Expressed at low levels in colon (at protein level) (PubMed:19214987, PubMed:19487278).

Expressed in prostate and placenta (PubMed:12154022).

TNS4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNS4 Antibody - Images

Western blot analysis of TNS4 expression in HepG2 cell lysate.