

Anti-TNS4 Rabbit Monoclonal Antibody

Catalog # ABO16483

Product Information

Application	WB
Primary Accession	Q8IZW8
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TNS4 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	84951
Other Names	Tensin-4, C-terminal tensin-like protein, TNS4, CTEN
Calculated MW	76764
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30T19
Immunogen	A synthesized peptide derived from human TNS4
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated 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](#)).

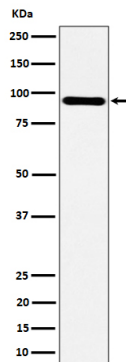
Cellular Location

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).

Images



Western blot analysis of TNS4 expression in HepG2 cell lysate.

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