

Tensin-1 (phospho Tyr1326) Polyclonal Antibody

Catalog No :	YP1198
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Tensin-1
Gene Name :	TNS1
Protein Name :	Tensin-1
Human Gene Id :	7145
Human Swiss Prot No :	Q9HBL0
Immunogen :	Synthesized phospho-peptide around the phosphorylation site of human Tensin-1 (phospho Tyr1326)
Specificity :	Phospho-Tensin-1 (Y1326) Polyclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	185kD
Background :	The protein encoded by this gene localizes to focal adhesions, regions of the

plasma membrane where the cell attaches to the extracellular matrix. This protein crosslinks actin filaments and contains a Src homology 2 (SH2) domain, which is often found in molecules involved in signal transduction. This protein is a substrate of calpain II. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015],

Function :

function:May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton.,PTM:Rapidly cleaved by calpain II.,PTM:Tyrosine phosphorylated.,similarity:Contains 1 C2 tensin-type domain.,similarity:Contains 1 phosphatase tensin-type domain.,similarity:Contains 1 SH2 domain.,subunit:Binds to actin filaments and interacts with phosphotyrosine-containing proteins. Interacts with STARD8.,tissue specificity:Ubiquitous.,

Subcellular Location :

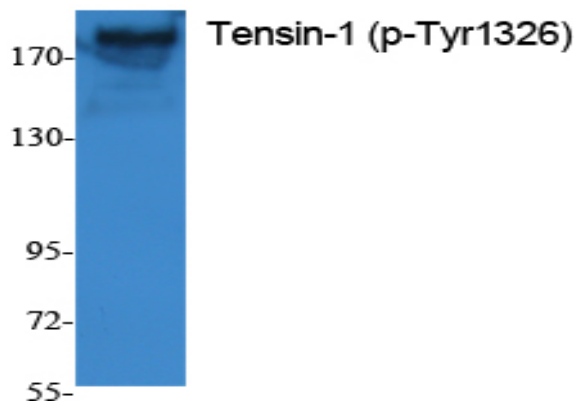
Cell surface . Cell junction, focal adhesion . Cytoplasm, cytoskeleton . Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.

Expression :

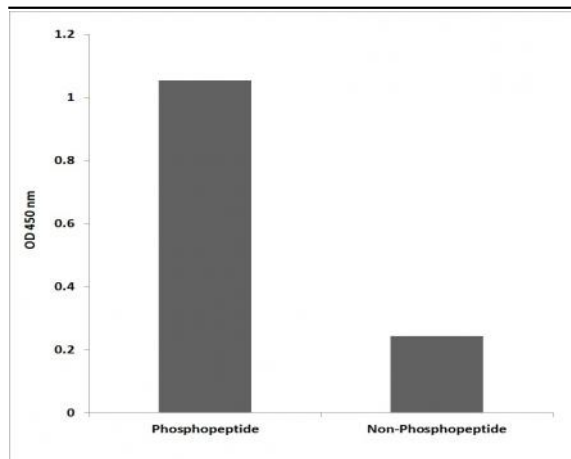
Ubiquitous.

Products Images

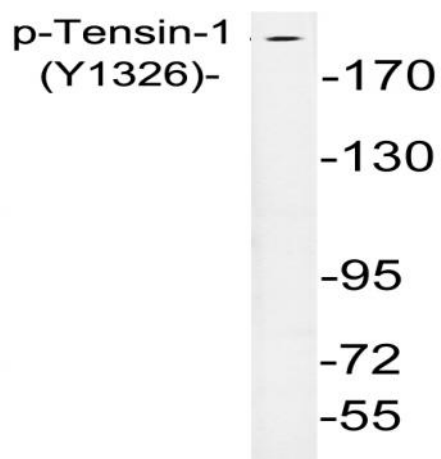
(kD)



Western Blot analysis of extracts from K562 cells, using Phospho-Tensin-1 (Y1326) Polyclonal Antibody.



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Tensin-1 (Phospho-Tyr1326) Antibody



Western blot analysis of lysates from A10 cells, using phospho-Tensin-1 (Phospho-Tyr1326) antibody.