



Tensin-1 Polyclonal Antibody

Catalog No	YP-Ab-03197
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TNS1
Immunogen	The antiserum was produced against synthesized peptide derived from human Tensin-1. AA range:1273-1322
Specificity	Tensin-1 Polyclonal Antibody detects endogenous levels of Tensin-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	matrix-remodelling associated 6;Matrix-remodelling-associated protein 6; MGC88584;MST91;MST122;MST127;MSTP91;MSTP122;MSTP127;MXRA6; TENS1_HUMAN;Tensin;Tensin-1;TNS;TNS1
Observed Band	200kD
Calculated Molecular Weight	200kD
Cell Pathway	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.
Tissue Specificity	Ubiquitous.
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.,



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],

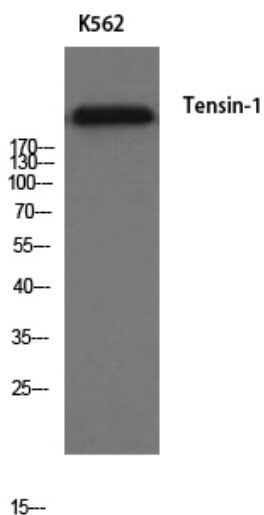
matters needing attention

Avoid repeated freezing and thawing!

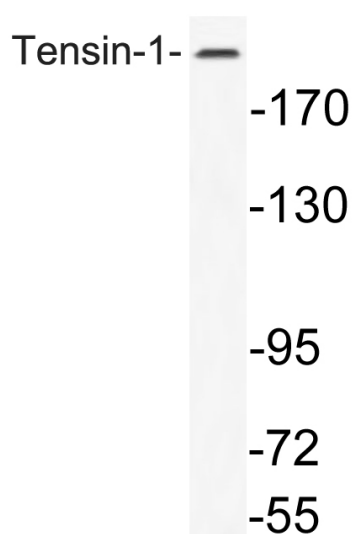
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of K562 cells using Tensin-1 Polyclonal Antibody



Western blot analysis of lysate from K562 cells, using Tensin-1 antibody.