

# Immunotag™ Tensin-1 (phospho Tyr1326) Polyclonal Antibody

Antibody Specification	
Catalog No.	ITP1198
Product Description	Immunotag™ Tensin-1 (phospho Tyr1326) Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Tensin-1 (Tyr1326)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TNS1
Accession No.	Q9HBL0
Alternate Names	TNS1; TNS; Tensin-1

## Antibody Specification

Description	tensin 1(TNS1) Homo sapiens 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],
Protein Expression	Brain,Colon,Epithelium,Heart,Liver,Ovarian cancer,PCR rescued clones,Platelet,Skin,Testis,
Subcellular Localization	intracellular,cytoplasm,cytoskeleton,focal adhesion,cell surface,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.