

Immunotag™ Tensin-1 Polyclonal Antibody

| Antibody Specification | |
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| Catalog No. | ITT4603 |
| Product Description | Immunotag™ Tensin-1 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 |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse |
| Host Species | Rabbit |
| 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. |
| 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

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| 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. |