

Tensin-1 Polyclonal Antibody
Catalog # AP72786**Specification**

Tensin-1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9HBL0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Tensin-1 Polyclonal Antibody - Additional Information**Gene ID** 7145**Other Names**

TNS1; TNS; Tensin-1

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Tensin-1 Polyclonal Antibody - Protein Information**Name** TNS1**Synonyms** TNS**Function**

May act as a protein phosphatase and/or a lipid phosphatase (Probable). Involved in fibrillar adhesion formation (PubMed:21768292, PubMed:28005397). Essential for myofibroblast differentiation and myofibroblast-mediated extracellular matrix deposition (PubMed:28005397). Enhances RHOA activation in the presence of DLC1 (PubMed:26427649). Plays a role in cell polarization and migration (PubMed:19826001). May be involved in cartilage development and in linking signal transduction pathways to the cytoskeleton (PubMed:21768292).

Cellular Location

Cell surface. Cell junction, focal adhesion. Cytoplasm, cytoskeleton. Note=Localizes to both focal adhesions and fibrillar adhesions (PubMed:20069572). Localized at the cell periphery preferentially to fibrillar adhesions rather than to focal adhesions. Translocates from the cell edge to the cell center in an ITGB1BP1-dependent manner (PubMed:21768292)

Tissue Location

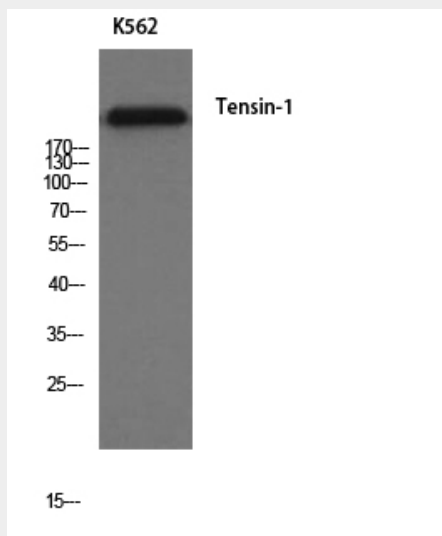
In the lung, detected in the alveolar septa (at protein level) (PubMed:28005397). Ubiquitous (PubMed:11023826)

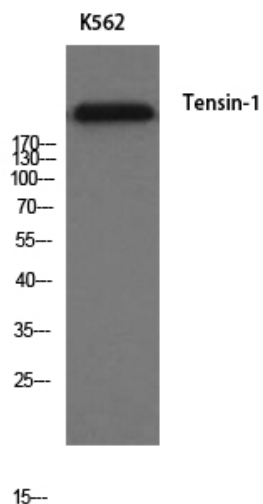
Tensin-1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tensin-1 Polyclonal Antibody - Images





Tensin-1 Polyclonal Antibody - Background

Involved in fibrillar adhesion formation. May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton.