

Tensin 1 (pY1326) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51576**Specification**

Tensin 1 (pY1326) Antibody - Product Information

Application	WB, E
Primary Accession	Q9HBL0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	200 KDa

Tensin 1 (pY1326) Antibody - Additional Information**Gene ID** 7145**Other Names**

Tensin-1, TNS1, TNS

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Tensin 1 (pY1326) 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](http://www.uniprot.org/citations/21768292), PubMed: [28005397](http://www.uniprot.org/citations/28005397)). Essential for myofibroblast differentiation and myofibroblast-mediated extracellular matrix deposition (PubMed: [28005397](http://www.uniprot.org/citations/28005397)). Enhances RHOA activation in the presence of DLC1 (PubMed: [26427649](http://www.uniprot.org/citations/26427649)). Plays a role in cell polarization and migration (PubMed: [19826001](http://www.uniprot.org/citations/19826001)). May be involved in cartilage development and in linking signal transduction pathways to the cytoskeleton (PubMed: [21768292](http://www.uniprot.org/citations/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 (pY1326) 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 (pY1326) Antibody - Images**Tensin 1 (pY1326) Antibody - Background**

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

Tensin 1 (pY1326) Antibody - References

Chen H.,et al.Biochem. J. 351:403-411(2000).
Hillier L.W.,et al.Nature 434:724-731(2005).
Bienvenut W.V.,et al.Submitted (OCT-2009) to UniProtKB.
Qian X.,et al.Proc. Natl. Acad. Sci. U.S.A. 104:9012-9017(2007).
Cantin G.T.,et al.J. Proteome Res. 7:1346-1351(2008).