

# Tensin-1 (phospho Tyr1326) Polyclonal Antibody

Catalog # AP68130

## Product Information

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Application	WB
Primary Accession	<a href="#">Q9HBL0</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	197023

## Additional Information

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Gene ID	7145
Other Names	TNS1; TNS; Tensin-1
Dilution	WB--Western Blot: 1/500 - 1/2000. ELISA: 1/20000. 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

## Protein Information

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Name	TNS1
Synonyms	TNS
Function	May act as a protein phosphatase and/or a lipid phosphatase (Probable). Involved in fibrillar adhesion formation (PubMed: <a href="#">21768292</a> , PubMed: <a href="#">28005397</a> ). Essential for myofibroblast differentiation and myofibroblast-mediated extracellular matrix deposition (PubMed: <a href="#">28005397</a> ). Enhances RHOA activation in the presence of DLC1 (PubMed: <a href="#">26427649</a> ). Plays a role in cell polarization and migration (PubMed: <a href="#">19826001</a> ). May be involved in cartilage development and in linking signal transduction pathways to the cytoskeleton (PubMed: <a href="#">21768292</a> ).
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)

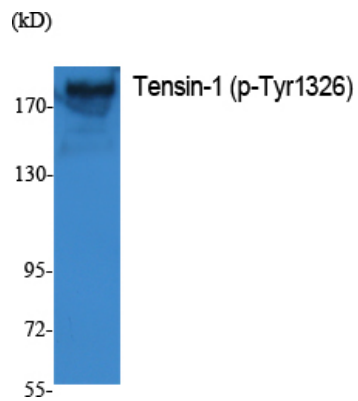
## Background

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

## Images

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Western Blot analysis of extracts from K562 cells, using Phospho-Tensin-1 (Y1326) Polyclonal Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.