

# Taxilin alpha Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56807

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">P40222</a>
<b>Reactivity</b>	Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	61891
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human IL-14
<b>Epitope Specificity</b>	401-500/546
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the taxilin family.
<b>SUBUNIT</b>	Binds to the C-terminal coiled coil region of syntaxin family members STX1A, STX3A and STX4A, but not when these proteins are complexed with SNAP25, VAMP2 or STXBP1, suggesting that it interacts with syntaxins that do not form the SNARE complex.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	Alpha Taxilin may be involved in intracellular vesicle traffic and potentially in calcium dependent exocytosis in neuroendocrine cells. It binds to the C terminal coiled coil region of syntaxin family members STX1A, STX3A and STX4A, but not when these proteins are complexed with SNAP25, VAMP2 or STXBP1, suggesting that it interacts with syntaxins that do not form the SNARE complex.

## Additional Information

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<b>Gene ID</b>	200081
<b>Other Names</b>	Alpha-taxilin, TXLNA, TXLN
<b>Target/Specificity</b>	Ubiquitous, with much higher expression in heart, kidney, liver and pancreas.
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	TXLNA
<b>Synonyms</b>	TXLN
<b>Function</b>	May be involved in intracellular vesicle traffic and potentially in calcium-dependent exocytosis in neuroendocrine cells.
<b>Tissue Location</b>	Ubiquitous, with much higher expression in heart, kidney, liver and pancreas.

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