Human α-Taxilin Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 812901

Catalog Number: FAB5575N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human α-Taxilin in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG_1 Clone # 812901
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human α-Taxilin Met1-Lys162 Accession # P40222
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

α-Taxilin (TXLN-α; also p75 [in rat] and IL-14α) is the founding member of the taxilin family of proteins. Although its predicted MW is 62 kDa, it runs anomalously at 74-76 kDa in SDS-PAGE. α-Taxilin is ubiquitously expressed and participates in intracellular vesicle trafficking. In particular, α-Taxilin interacts with syntaxin family members that localize to the plasma membrane, providing for SNARE complex formation. α-Taxilin also regulates the placement of growing protein chains. Human α-Taxilin is 546 amino acids (aa) in length. Its defining characteristic is a large coiled-coil region between aa 186-491. When an alternate start site at Met176 is used, a secreted cytokine is generated termed IL-14α. Over aa 1-162, human α-Taxilin shares 81% aa identity with mouse α-Taxilin.

PRODUCT SPECIFIC NOTICES

Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475