
Product Name: KD-Validated TXLNA Mouse Oligoclonal Antibody**Catalog #: KVA00372**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC,IHC-P
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG
Clonality	Mouse oligoclonal antibody
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 61.9kDa

Antigen Information

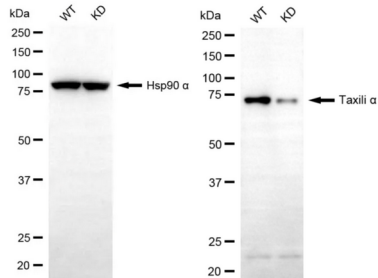
Gene Name	TXLNA
Alternative Names	TXLNA; Taxilin Alpha; IL-14; IL14; Interleukin 14; DKFZp451J0118; Alpha-Taxilin; TXLN
Gene ID	200081.0
SwissProt ID	P40222
Immunogen	Recombinant protein of human TXLNA

Background

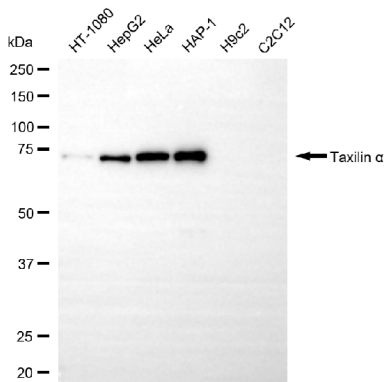
Predicted to enable syntaxin binding activity. Predicted to be involved in exocytosis. Predicted to act upstream of or within B cell activation. Located in cytoplasm. [provided by Alliance of Genome Resources, Jul 2025]

Research Area

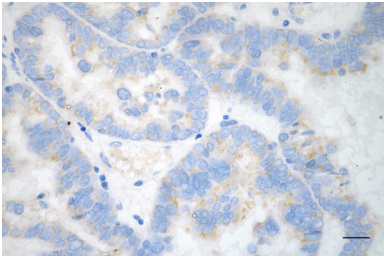
Image Data



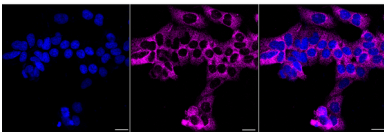
Western blotting analysis using taxilin alpha antibody (KVA00372). Taxilin alpha expression in wild-type (WT) and taxilin alpha (TXLNA) knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with taxilin alpha antibody (KVA00372, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



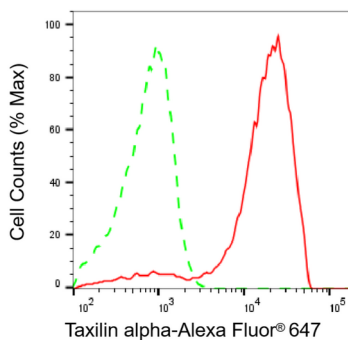
Western blotting analysis using taxilin alpha antibody (KVA00372). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with taxilin alpha antibody (KVA00372, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded human ovarian carcinoma using taxilin alpha antibody (KVA00372, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HAP-1 cells with Taxilin alpha antibody (KVA00372, 1:1,000). Nuclei were stained blue with DAPI; Taxilin alpha was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of Taxilin alpha expression in HAP-1 cells using Taxilin alpha antibody (KVA00372, 1:2,000). Green, isotype control; red, Taxilin alpha.