KD-Validated Anti-TXLNA Mouse Oligoclonal Antibody

GenuIN BIOTECH
R E A L   M A T T E R S

Catalog #: 65304

Aliases

TXLNA; Taxilin Alpha; IL-14; IL14; Interleukin 14; DKFZp451J0118; Alpha-Taxilin; TXLN

Background

Gene Name: TXLNA
NCBI Gene Entry: 200081
UniProt Entry: P40222

Application Information

Molecular Weight: Predicted, 62 kDa; observed, 74 kDa
Clonality: Mouse oligoclonal antibody
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human TXLNA

Isotype

Mouse IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

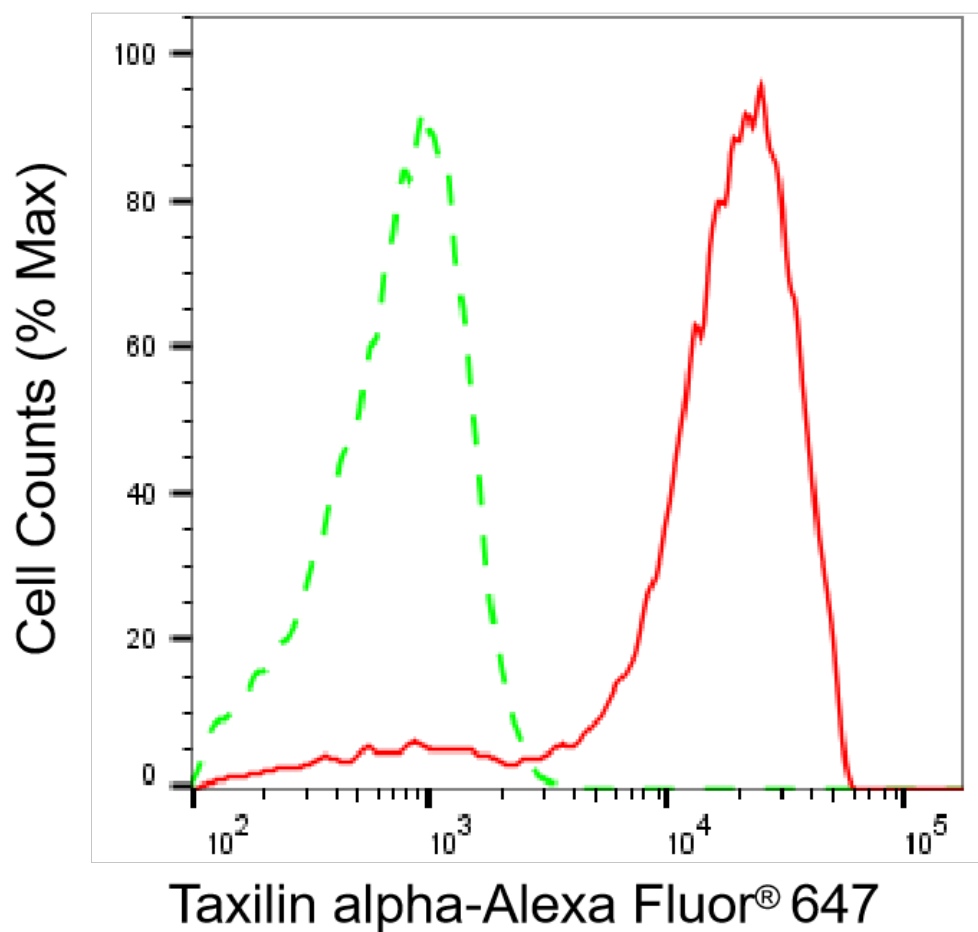**Note:** This product is for research use only.

Validation Data

SUPPORT
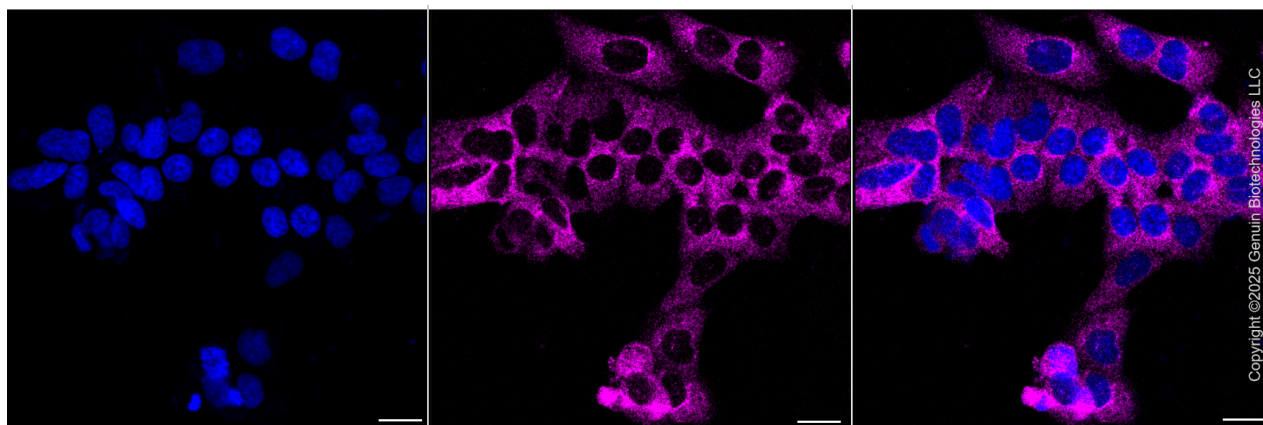SUPPORT@GENUINBIOTECH.COM
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Flow cytometric analysis of Taxilin alpha expression in HAP-1 cells using anti-Taxilin alpha antibody (Cat#65304, 1:2,000). Green, isotype control; red, Taxilin alpha.

Immunocytochemical staining of HAP-1 cells with anti-Taxilin alpha antibody (Cat#65304, 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

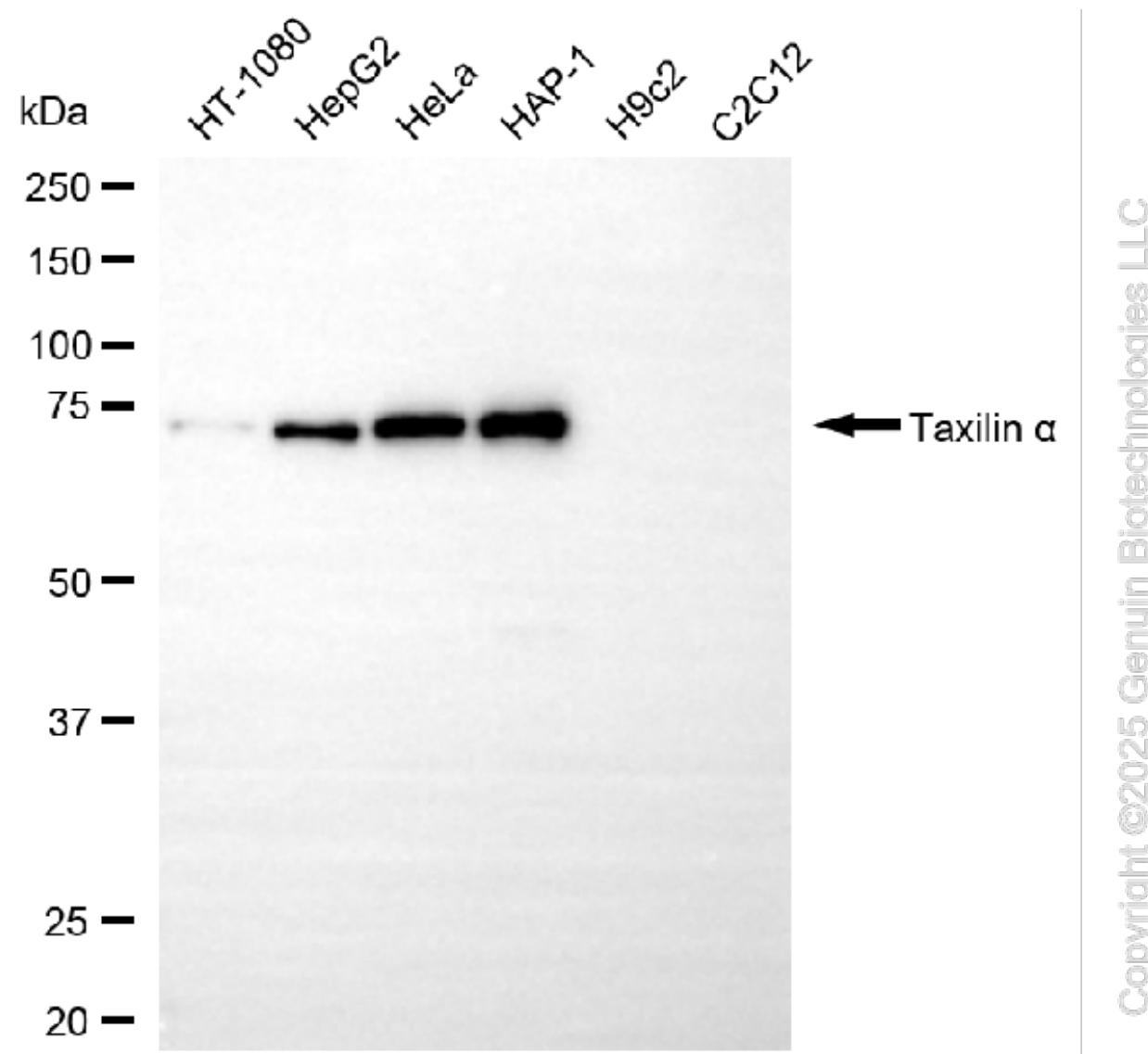**SUPPORT**
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and smart gain: Medium. Scale bar, 20 μm.

Western blotting analysis using anti-taxilin alpha antibody (Cat#65304). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-taxilin alpha antibody (Cat#65304, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).
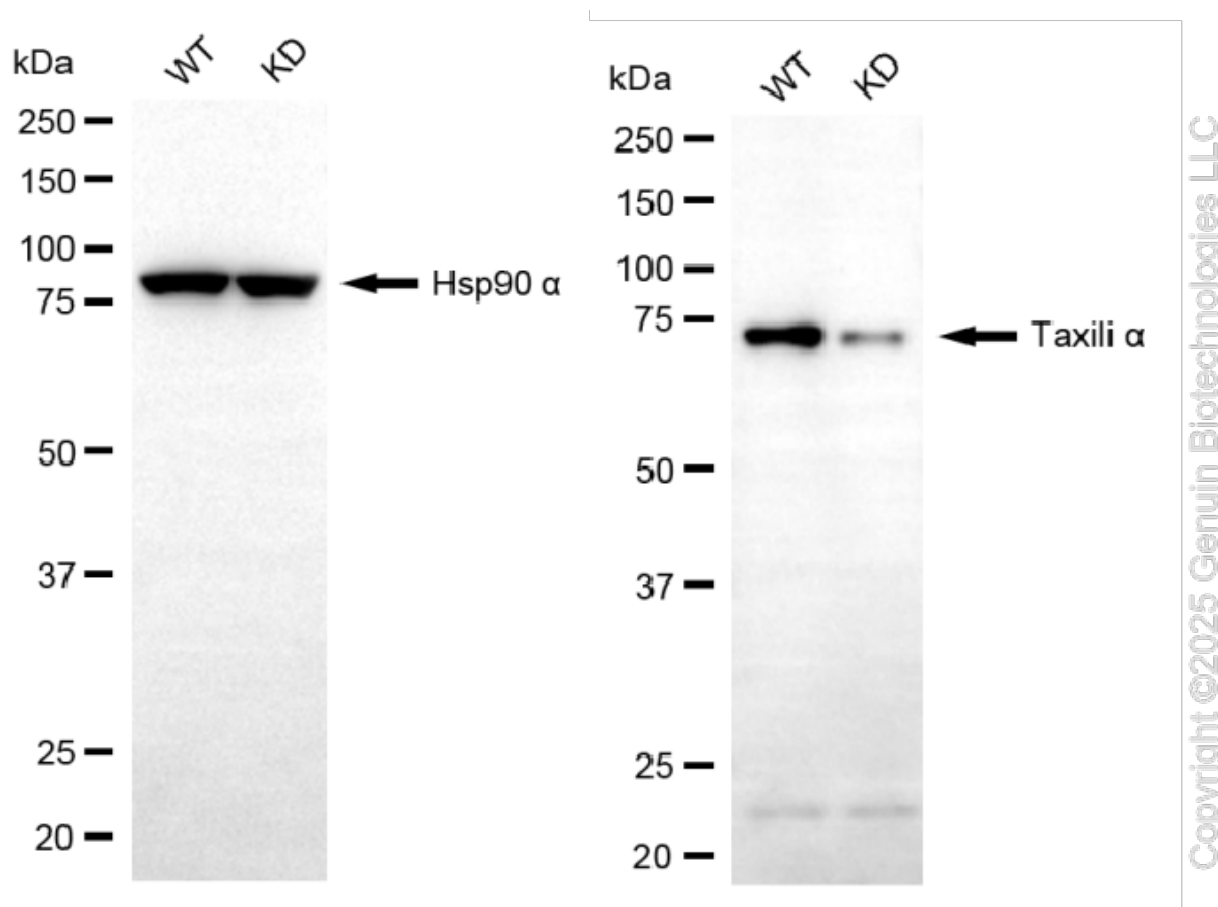
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Western blotting analysis using anti-taxilin alpha antibody (Cat#65304). Taxilin alpha expression in wild-type (WT) and taxilin alpha (TXLNA) knockdown (KD) HeLa cells with 20 μg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-taxilin alpha antibody (Cat#65304, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).