
Product Name: KD-Validated Striatin 4 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00321

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 80.6kDa

Antigen Information

Gene Name	STRN4
Alternative Names	STRN4; Striatin 4; ZIN; PPP2R6C; Zinedin; Protein Phosphatase 2 Regulatory Subunit B ^{'''} Gamma; Striatin, Calmodulin Binding Protein 4; Striatin-4
Gene ID	29888.0
SwissProt ID	Q9NRL3
Immunogen	Recombinant protein of human Striatin 4

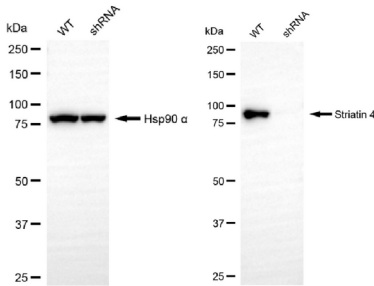
Background

Enables armadillo repeat domain binding activity; protein phosphatase 2A binding activity; and protein-macromolecule adaptor activity. Involved in negative regulation of hippo signaling. Part of FAR/SIN/STRIPAK complex. [provided by Alliance of Genome Resources, Jul 2025]

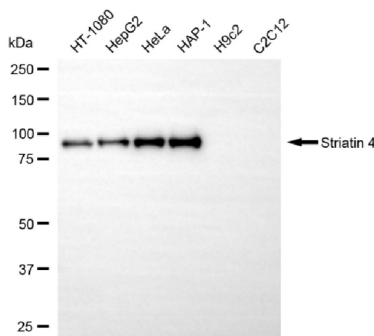
Research Area

Neuroscience, Epigenetics and Nuclear Signaling

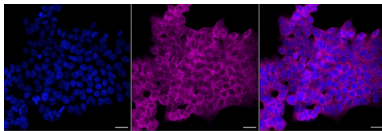
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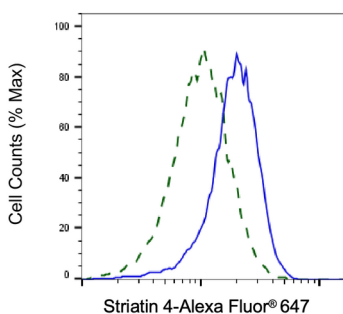
Western blotting analysis using striatin 4 antibody (KVA00321). Striatin 4 expression in wild-type (WT) and striatin 4 (STRN4) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with striatin 4 antibody (KVA00321, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using striatin 4 antibody (KVA00321). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with striatin 4 antibody (KVA00321, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HAP-1 cells with Striatin 4 antibody (KVA00321, 1:1,000). Nuclei were stained blue with DAPI; Striatin 4 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.



Validation of Striatin 4 knockdown using flow cytometry. Wild-type (WT, Blue) and knockdown (KD, Green) HeLa cells were stained with Striatin 4 antibody (KVA00321, 1:2,000) and analyzed using BD flow cytometer.