

**KD-Validated Anti-Striatin 4 Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI2270****Specification****KD-Validated Anti-Striatin 4 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9NRL3</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 81 kDa; observed, 90 kDa
Gene Name	KDa STRN4
Aliases	STRN4; Striatin 4; ZIN; PPP2R6C; Zinedin; Protein Phosphatase 2 Regulatory Subunit B'''Gamma; Striatin, Calmodulin Binding Protein 4; Striatin-4
Immunogen	Recombinant protein of human Striatin 4

**KD-Validated Anti-Striatin 4 Rabbit Monoclonal Antibody - Additional Information**

Gene ID	29888
<b>Other Names</b>	
Striatin-4, Zinedin, STRN4 (<a href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=15721" target="_blank">HGNC:15721</a>), ZIN	

**KD-Validated Anti-Striatin 4 Rabbit Monoclonal Antibody - Protein Information****Name** STRN4 ([HGNC:15721](#))**Synonyms** ZIN**Function**

Calmodulin-binding scaffolding protein which is the center of the striatin-interacting phosphatase and kinase (STRIPAK) complexes (PubMed:<a href="http://www.uniprot.org/citations/18782753" target="\_blank">18782753</a>, PubMed:<a href="http://www.uniprot.org/citations/32640226" target="\_blank">32640226</a>). STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling (PubMed:<a href="http://www.uniprot.org/citations/32640226" target="\_blank">32640226</a>). Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation (Probable). Key regulator of the expanded Hippo signaling pathway by interacting and allowing the inhibition of MAP4K kinases by the STRIPAK complex (PubMed:<a href="http://www.uniprot.org/citations/32640226" target="\_blank">32640226</a>).

**Cellular Location**

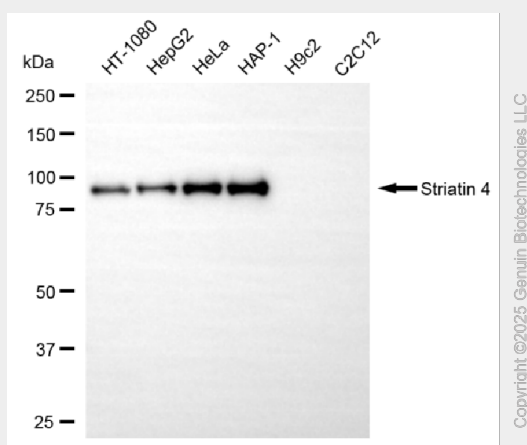
Cytoplasm.

## KD-Validated Anti-Striatin 4 Rabbit Monoclonal Antibody - Protocols

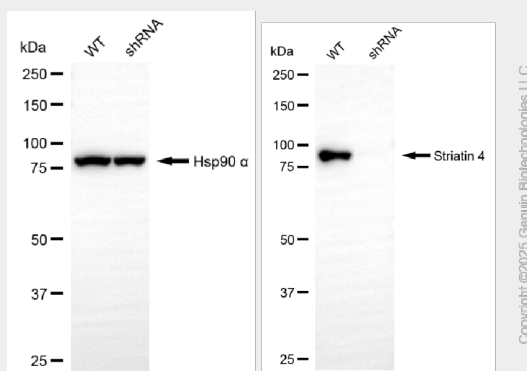
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## KD-Validated Anti-Striatin 4 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-striatin 4 antibody (Cat#AGI2270). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-striatin 4 antibody (Cat#AGI2270, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-striatin 4 antibody (Cat#AGI2270). 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 anti-striatin 4 antibody (Cat#AGI2270, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.