

Datasheet for ABIN6657275
anti-STRN4 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	STRN4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This STRN4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Zinedin Antibody was produced in mice by repeated immunizations raised against a fusion protein corresponding to an internal region of human Zinedin/Striatin-4. Immunogen Type: Recombinant Protein
Clone:	S88-64
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	Anti-Zinedin Antibody was purified by Protein G chromatography. A BLAST analysis was used to suggest cross-reactivity with Zinedin from Mouse, Human, and Rat based on 100% homology with the immunizing sequence. Cross-reactivity with Zinedin from other sources has not been determined. Neuroscience research.

Target Details

Target:	STRN4
Alternative Name:	Zinedin (STRN4 Products)
Background:	<p>Synonyms: Striatin-4, Zinedin, ZIN</p> <p>Background: Zinedin, which encodes a protein of 753aa, shares identical protein-protein interaction domains with striatin and SG2Na. They are all part of the striatin family, are multimodular, WD-repeat and calmodulinbinding proteins. All three proteins bind CaM in the presence of calcium suggesting that they play a role in or depend upon calcium signaling. They are all supposed to also function as scaffolding proteins, linking signaling and eukaryotic endocytosis.</p> <p>Gene Name: STRN4</p>
Gene ID:	29888
NCBI Accession:	NP_037535
UniProt:	Q9NRL3

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 0.1-1.0 µg/mL</p> <p>Application Note: Anti-Zinedin Antibody is suitable for use in WB, IHC and IP. Expect a band approximately ~95 kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.</p> <p>Immunoprecipitation Dilution: User Optimized</p> <p>Western Blot Dilution: 1 µg/mL</p> <p>IF Microscopy Dilution: 1.0-10 µg/mL</p>
Restrictions:	For Research Use only

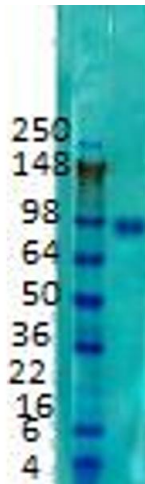
Handling

Format:	Liquid
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 50 % (v/v) Glycerol</p> <p>0.09 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

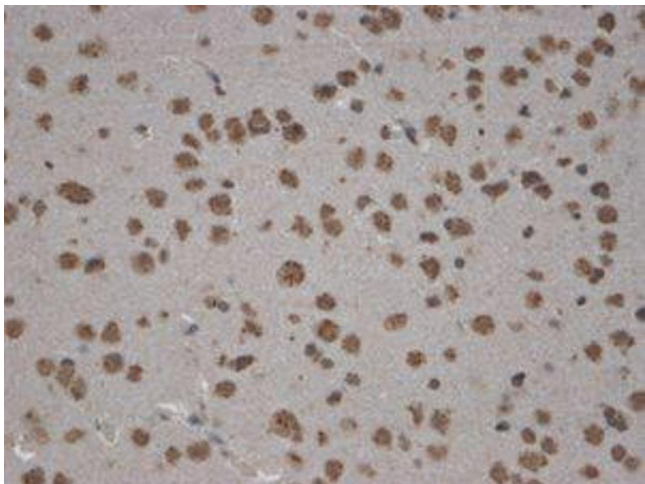
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Images



Western Blotting

Image 1. Zinedin Western Blot. Western Blot of mouse anti-Zinedin antibody. Lane 1: Rat Brain Membrane. Primary antibody: Zinedin antibody at 1:1000 for overnight at 4°C. Secondary antibody: Goat anti-mouse IgG HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% Biotin overnight 4°C. Predicted/Observed size: 80.5kDa/95kD Zinedin. Other band(s): none.



Immunohistochemistry

Image 2. Zinedin Immunohistochemistry. Immunohistochemistry of mouse anti-Zinedin antibody. Tissue: Mouse Brain Tissue. Fixation: N/A. Antigen Retrieval: not required. Primary Antibody: Zinedin antibody at 1 µg/mL for 1h at RT. Secondary antibody: Peroxidase mouse secondary at 1:10,000 for 45 min at RT. Localization: Cytoplasm membrane. Staining: Zinedin as brown signal.