

Datasheet for ABIN650950
anti-SPRN antibody (C-Term)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	SPRN
Binding Specificity:	AA 76-105, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPRN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SPRN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-105 amino acids from the C-terminal region of human SPRN.
Clone:	RB25483
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SPRN
Alternative Name:	SPRN (SPRN Products)
Background:	SPRN has PrP(C)-like neuroprotective activity. SPRN may act as a modulator for the biological

Target Details

	actions of normal and abnormal PrP.
Molecular Weight:	14522
Gene ID:	503542
NCBI Accession:	NP_001012526
UniProt:	Q5BIV9

Application Details

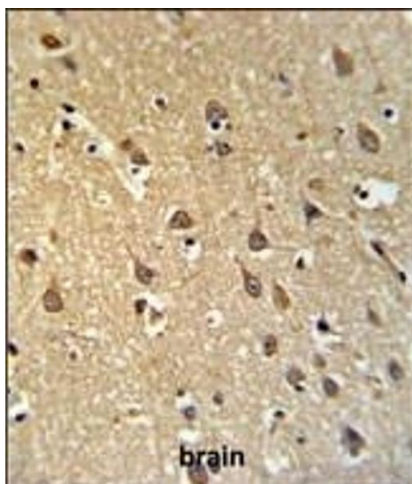
Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

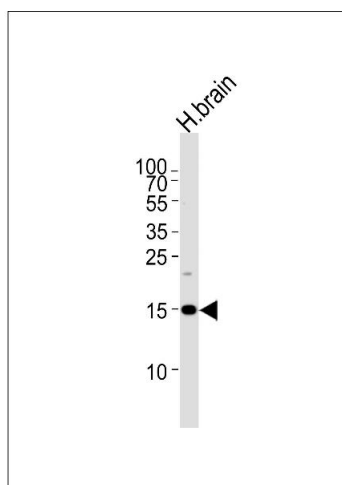
Publications

Product cited in:	Hu, Zhou, Zhao, Wu: "Integrin $\alpha 6$ /Akt/Erk signaling is essential for human breast cancer resistance to radiotherapy." in: Scientific reports , Vol. 6, pp. 33376, (2018) (PubMed).
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. SPRN Antibody (C-term) (ABIN650950 and ABIN2840007) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SPRN Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of lysate from human brain tissue lysate, using SPRN Antibody (C-term) (ABIN650950 and ABIN2840007). (ABIN650950 and ABIN2840007) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.