

Spectrin beta-4 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Spectrin beta-4
Form	Liquid
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2647836

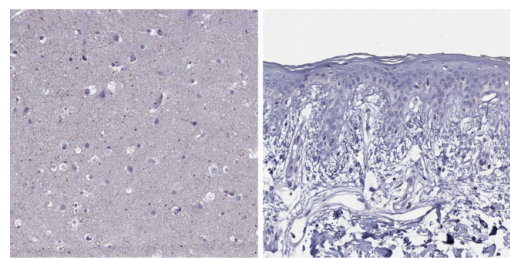
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1:500-1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	1 Publication

Product Specific Information

Immunogen sequence: AWEERFSSLR RLTTIEKIKa EQSKQPPTPL LGRKFFGDPT ELAAKAAPLL RPPGGYERGLE PLARRASDTL SAEVRTRVGy VRQELKPERL QPRIDRLP

Highest antigen sequence identity to the following orthologs: Mouse - 98%, Rat - 98%.

Product Images For Spectrin beta-4 Polyclonal Antibody



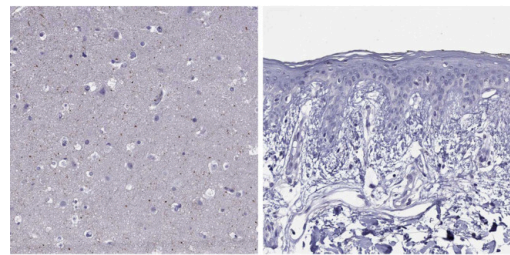
SPTBN4 in Cerebral cortex

SPTBN4 in Skin



Spectrin beta-4 Antibody (PA5-62972)

Relative expression in different tissues in IHC: Detection of differential expression levels of Spectrin beta-4 demonstrates antibody specificity. Immunohistochemical analysis of Spectrin beta-4 using anti-Spectrin beta-4 Polyclonal Antibody (Product # PA5-62972), shows significant staining of Spectrin beta-4 in human cerebral cortex and shows minimal or weak staining in human skin tissues. The relative expression levels of Spectrin beta-4 within each tissue is shown using RNA-Seq. {RE}



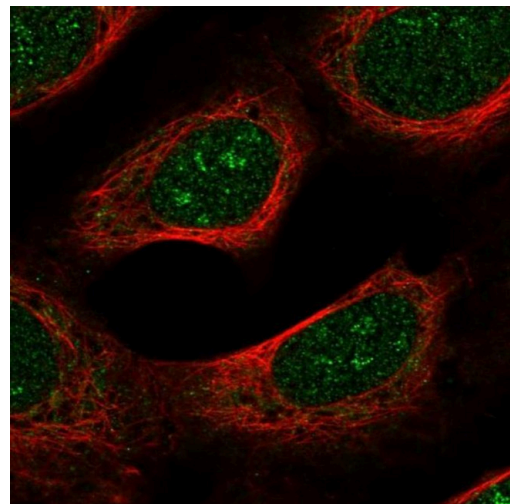
SPTBN4 in Cerebral cortex

SPTBN4 in Skin



Spectrin beta-4 Antibody (PA5-62972) in IHC

Immunohistochemical staining of Spectrin beta-4 in human cerebral cortex and skin tissues using Spectrin beta-4 Polyclonal Antibody (Product # PA5-62972). Corresponding SPTBN4 RNA-seq data are presented for the same tissues.



Spectrin beta-4 Antibody (PA5-62972) in ICC/IF

Immunofluorescent staining of Spectrin beta-4 in human cell line U-2 OS using a Spectrin beta-4 Polyclonal Antibody (Product # PA5-62972) shows localization to nucleus, nucleoli and cytosol.

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Immunohistochemistry (1)

Neuron	Year 2019
Plug-and-Play Protein Modification Using Homology-Independent Universal Genome Engineering.	Species Human
"PA5-62972 was used in Immunocytochemistry, Immunohistochemistry to demonstrate a CRISPR-Cas9-based homology-independent universal genome engineering (HiUGE) method for endogenous protein manipulation that is straightforward, scalable, and highly flexible in terms of genomic target and application."	Dilution 1:1000
Authors: Gao Y,Hisey E,Bradshaw TWA,Erata E,Brown WE,Courtland JL,Uezu A,Xiang Y,Diao Y,Soderling SH	

Immunocytochemistry (1)

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