

Rabbit SPTAN1 Polyclonal Antibody | anti-SPTAN1 antibody

SPTAN1 Rabbit Polyclonal Antibody

CATALOG # AAA30583	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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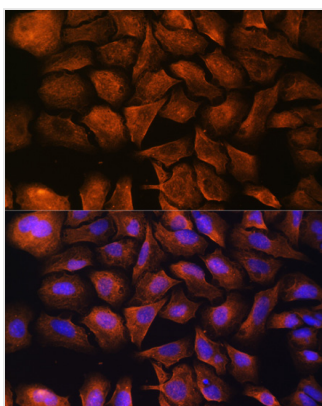
PRODUCT SYNONYMS

SPTAN1; Polyclonal Antibody; SPTAN1 Rabbit Polyclonal Antibody; EIEE5; NEAS; SPTA2; anti-SPTAN1 antibody

PRODUCT SPECIFICATIONS

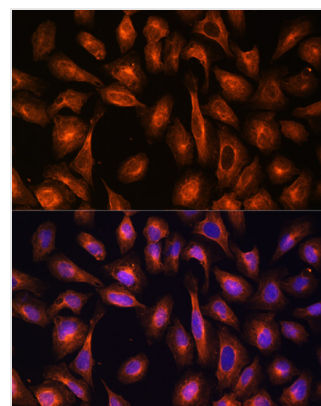
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-SPTAN1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human SPTAN1 (NP_001123910.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



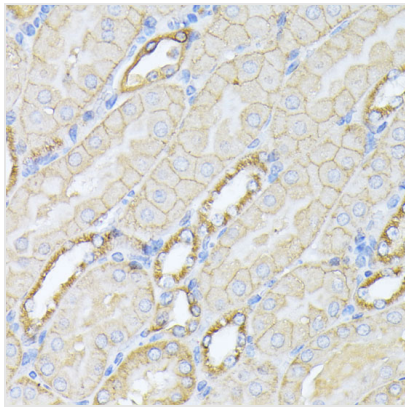
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using SPTAN1 at dilution of 1:100. Blue: DAPI for nuclear staining.

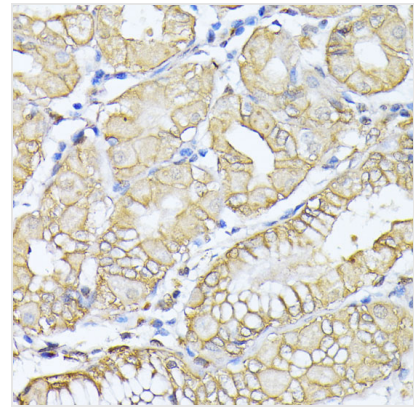


IF (Immunofluorescence)

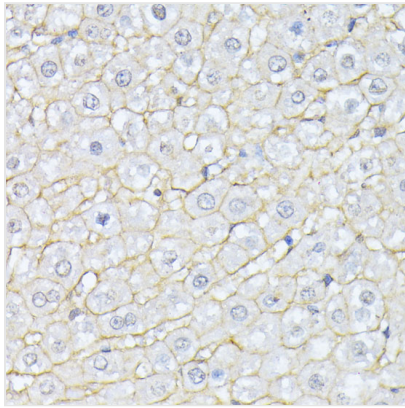
Immunofluorescence analysis of U-2 OS cells using SPTAN1 at dilution of 1:100. Blue: DAPI for nuclear staining.



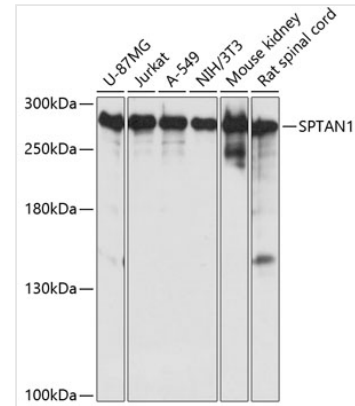
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse kidney using SPTAN1 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human stomach using SPTAN1 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat liver using SPTAN1 at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SPTAN1 at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SPTAN1 antibody	Spectrins are a family of filamentous cytoskeletal proteins that function as essential scaffold proteins that stabilize the plasma membrane and organize intracellular organelles. Spectrins are composed of alpha and beta dimers that associate to form tetramers linked in a head-to-head arrangement. This gene encodes an alpha spectrin that is specifically expressed in nonerythrocytic cells. The encoded protein has been implicated in other cellular functions including DNA repair and cell cycle regulation. Mutations in this gene are the cause of early infantile epileptic encephalopathy-5. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-SPTAN1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	194595509
NCBI GeneID	6709
NCBI Accession #	NP_001123910.1
NCBI GenBank Nucleotide #	NM_001130438.2
UniProt Accession #	Q13813 ; Q13186 ; Q15324 ; Q16606 ; Q59EF1 ; Q5VXV5 ; Q5VXV6 ; Q7Z6M5 ; Q9P0V0
Molecular Weight	284,539 Da
NCBI Official Full Name	spectrin alpha chain, non-erythrocytic 1 isoform 1
NCBI Official Synonym Full Names	spectrin, alpha, non-erythrocytic 1

NCBI Official Symbol	SPTAN1
NCBI Official Synonym Symbols	NEAS; EIEE5; SPTA2
NCBI Protein Information	spectrin alpha chain, non-erythrocytic 1; alpha-fodrin; alpha-II spectrin; fodrin alpha chain; spectrin, non-erythroid alpha chain; spectrin, non-erythroid alpha subunit
UniProt Protein Name	Spectrin alpha chain, non-erythrocytic 1
UniProt Gene Name	SPTAN1
UniProt Synonym Gene Names	NEAS; SPTA2
UniProt Entry Name	SPTN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sptan1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30583>