

Rabbit anti-Human, Mouse SPTAN1/Alpha II-spectrin Polyclonal Antibody | anti-SPTAN1 antibody

Rabbit anti-SPTAN1/Alpha II-spectrin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211381	Rabbit	Human, Mouse	Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SPTAN1/Alpha II-spectrin; Polyclonal Antibody; Rabbit anti-SPTAN1/Alpha II-spectrin Antibody; Affinity Purified; spectrin alpha chain; non-erythrocytic 1; EIEE5; SPTA2; spectrin; non-erythroid alpha subunit; non-erythroid alpha chain; alpha-fodrin; epididymis secretory sperm binding protein; fodrin alpha chain; alpha-II spectrin; NEAS; Spectrin alpha chain; spectrin alpha; anti-SPTAN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SPTAN1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 2422 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse SPTAN1/Alpha II-Spectrin by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibody: Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin antibody AAA211381 used for WB at 0.04 ug/ml Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human SPTAN1/Alpha II-Spectrin by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin (Cat. No. AAA211381 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight 594 Conjugated used at a dilution of 1:100.



IHC (Immunohistochemistry)

Detection of human SPTAN1/Alpha II-Spectrin by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin (Cat. No. AAA211381 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SPTAN1 antibody	SPTAN1/Alpha II-spectrin is one of two polypeptide chains (alpha and beta) that are part of the fodrin tetramer. Fodrin functions to link actin filaments to the plasma membrane and is a major neuronal cytoskeletal protein. Fodrin has been linked to neurogenerative and autoimmune diseases.
Product Categories/Family for anti-SPTAN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6709
UniProt Accession #	Q13813
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-alpha-ii-spectrin-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/211381>