

Rabbit anti-Human, Mouse SPTA1 Polyclonal Antibody | anti-SPTA1 antibody

SPTA1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175800	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

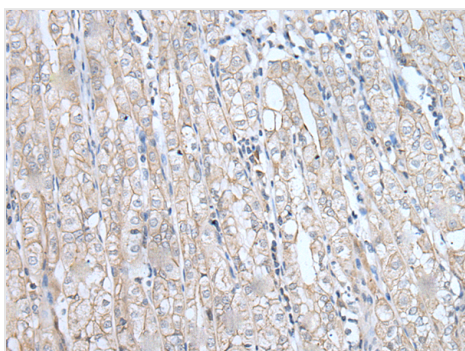
PRODUCT SYNONYMS

SPTA1; Polyclonal Antibody; SPTA1 Polyclonal Antibody; Alpha I spectrin; EL 2; EL2; Elliptocytosis 2; Elliptocytosis2; Erythrocyte alpha spectrin; Erythrocyte; Erythroid alpha spectrin; Erythroid alpha-spectrin; Erythroid spectrin alpha; HPP; HS3; Spectrin alpha chain; Spectrin alpha chain erythrocyte; Spectrin alpha erythrocytic 1; SPH3; SPTA 1; SPTA; anti-SPTA1 antibody

PRODUCT SPECIFICATIONS

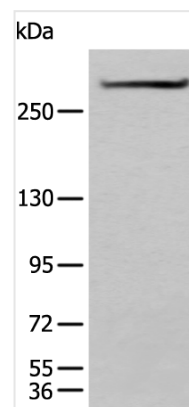
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.7mg/mL (varies by lot)
Sequence Length	2419
Applicable Applications for anti-SPTA1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human SPTA1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using SPTA1 Polyclonal Antibody at dilution of 1:80(×200)



WB (Western Blot)

Western blot analysis of Mouse heart tissue lysate using SPTA1 Polyclonal Antibody at dilution of 1:550

ADDITIONAL INFORMATION

Related Product Information for anti-SPTA1 antibody	Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is a tetramer made up of alpha-beta dimers linked in a head-to-head arrangement. This gene is one member of a family of alpha-spectrin genes. The encoded protein is primarily composed of 22 spectrin repeats which are involved in dimer formation. It forms weaker tetramer interactions than non-erythrocytic alpha spectrin, which may increase the plasma membrane elasticity and deformability of red blood cells. Mutations in this gene result in a variety of hereditary red blood cell disorders, including elliptocytosis type 2, pyropoikilocytosis, and spherocytic hemolytic anemia.
Product Categories/Family for anti-SPTA1 antibody	Cancer; Cardiovascular; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153675
NCBI GeneID	6708
UniProt Accession #	P02549
Molecular Weight	280 kDa
NCBI Official Full Name	Spectrin alpha chain, erythrocytic 1
NCBI Official Synonym Full Names	spectrin alpha, erythrocytic 1
NCBI Official Symbol	SPTA1
NCBI Official Synonym Symbols	EL2; HPP; HS3; SPH3; SPTA
NCBI Protein Information	spectrin alpha chain, erythrocytic 1
UniProt Protein Name	Spectrin alpha chain, erythrocytic 1
UniProt Gene Name	SPTA1
UniProt Synonym Gene Names	SPTA
UniProt Entry Name	SPTA1_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://www.aaabiotech.com/polyclonal/spta1-antibody-immunohistochemistry-western-blot-elisa/175800>