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Datasheet for ABIN7256054 anti-SPTA1 antibody

5 Images



Overview

Quantity:	200 µL
Target:	SPTA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPTA1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human SPTA1 (NP_003117.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	SPTA1
Alternative Name:	SPTA1 (SPTA1 Products)
Background:	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

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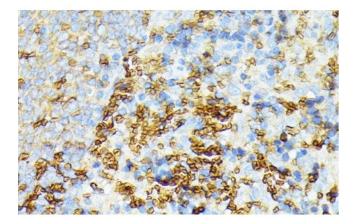
	family of alpha-spectrin genes. The encoded protein is primarily composed of 22 spectrin
	repeats which are involved in dimer formation. It forms weaker tetramer interactions than non-
	erythrocytic alpha spectrin, which may increase the plasma membrane elasticity and
	deformability of red blood cells. Mutations in this gene result in a variety of hereditary red blood
	cell disorders, including elliptocytosis type 2, pyropoikilocytosis, and spherocytic hemolytic
	anemia.
Gene ID:	6708
UniProt:	P02549
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only

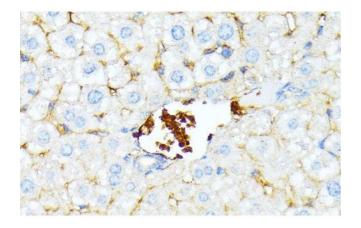
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



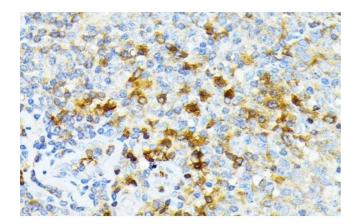
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat spleen using SPTA1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Mouse liver using SPTA1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human tonsil using SPTA1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 5 images are available for ABIN7256054.

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