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Datasheet for ABIN6654215
anti-SPTA1 antibody (AA 356-475)

Overview

Quantity:	100 µg
Target:	SPTA1
Binding Specificity:	AA 356-475
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SPTA1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 356-475 from the human protein was used as the immunogen for the recombinant SPTA1 antibody.
Clone:	SCNA-1R
Isotype:	IgG1 kappa
Purification:	Purified
Purity:	Protein G affinity chromatography

Target Details

Target:	SPTA1
Alternative Name:	SPTA1 / Spectrin alpha 1 (SPTA1 Products)

Target Details

Background: This gene encodes a member of a family of molecular scaffold proteins that link the plasma membrane to the actin cytoskeleton and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. The encoded protein is primarily composed of 22 spectrin repeats which are involved in dimer formation. It forms a component of the erythrocyte plasma membrane. Mutations in this gene result in a variety of hereditary red blood cell disorders, including elliptocytosis-2, pyropoikilocytosis, and spherocytosis, type 3. [RefSeq]

Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the recombinant SPTA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. Western blot: 1-2 µg/mL, Immunohistochemistry (FFPE): 1-2 µg/mL for 30 min at RT, Prediluted IHC only format: incubate for 30 min at RT (1)

Restrictions: For Research Use only

Handling

Buffer: 0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide

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: 4 °C, -20 °C

Storage Comment: Store the recombinant SPTA1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).