

SPTN4 rabbit pAb

Cat No.: ES10303

For research use only

Overview

Product Name SPTN4 rabbit pAb

Host species Rabbit
Applications IHC;IF

Species Cross-Reactivity Human;Rat;Mouse; **Recommended dilutions** IHC-p 1:50-300

Immunogen Synthesized peptide derived from part region of

human protein

Specificity SPTN4 Polyclonal Antibody detects endogenous

levels of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

StorageStore at -20°C. Avoid repeated freeze-thaw cycles.Protein NameSpectrin beta chain, non-erythrocytic 4 (Beta-IV

spectrin) (Spectrin, non-erythroid beta chain 3)

Gene Name SPTBN4 KIAA1642 SPTBN3

Cellular localizationCytoplasm, cytoskeleton . Cytoplasm, cell cortex .PurificationThe antibody was affinity-purified from rabbit
antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 282kD
Human Gene ID 57731
Human Swiss-Prot Number Q9H254

Alternative Names

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 composed of two antiparallel dimers

of alpha- and beta- subunits. This gene is one member of a family of beta-spectrin genes. The



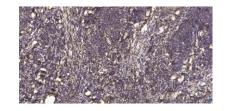
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encoded protein localizes to the nuclear matrix, PML nuclear bodies, and cytoplasmic vesicles. A highly similar gene in the mouse is required for localization of specific membrane proteins in polarized regions of neurons. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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