

## SPTBN1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC ICC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200

**Calculated MW:** 270kD

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human SPTBN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

SPTBN1;ELF;SPTB2;betaSpII;

**Catalog #:** A5253

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6711

**Isotype:** IgG

**Swiss Prot:** Q01082

**Purity:** Affinity purification

For research use only.

**Background:**

Beta Fodrin 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. Beta Fodrin is one member of a family of beta-spectrin proteins. This protein contains an N-terminal actin-binding domain, and 17 spectrin repeats which are involved in dimer formation.

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