

**Anti-SPTAN1 antibody (STJA0005593)**

STJA0005593

**GENERAL INFORMATION**

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Alpha II-Spectrin, cleavage-specific is suitable for use in Western Blot research applications.
<b>Applications</b>	WB
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Antigen Affinity Purified
<b>Dilution Range</b>	WB 1:1000
<b>Formulation</b>	PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

**TARGET INFORMATION**

<b>Gene ID</b>	6709
<b>Gene Symbol</b>	<a href="#">SPTAN1</a>
<b>Uniprot ID</b>	<a href="#">SPTN1_HUMAN</a>
<b>Immunogen</b>	A synthetic peptide (coupled to KLH) corresponding to amino acid residues around the calpain cleavage site, tyrosine 1176 in human Alpha II-spectrin. This sequence has high homology with similar regions in rat and mouse Alpha II-spectrin, but is not
<b>Immunogen Region</b>	
<b>Specificity</b>	The antibody detects a 136 kDa* cleaved fragment corresponding to Alpha II-Spectrin on SDS-PAGE immunoblots of mouse diaphragm treated with thapsigargin. The antibody only detects cleaved Alpha II-Spectrin and does not detect full length Alpha II-Spec
<b>Immunogen Sequence</b>	