

## Anti-SMN1/SMN2 antibody (Internal) (STJ71132)

STJ71132

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-SMN1/SMN2 (Internal) is suitable for use in ELISA and Western Blot research applications.
<b>Applications</b>	Pep-ELISA/WB
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution</b>	Peptide ELISA: antibody detection limit dilution 1:32000.
<b>Range</b>	WB: Approx 26kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 28.5kDa according to NP_075012.1 and NP_075014.1). Recommended concentration: 0.3-1µg/ml.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	
<b>Gene Symbol</b>	
<b>Uniprot ID</b>	
<b>Immunogen</b>	
<b>Immunogen</b>	Internal
<b>Region</b>	
<b>Specificity</b>	This antibody is expected to recognise isoforms b and d of SMN1 (NP_075012.1 and NP_000335.1) and all reported isoforms of SMN2 (NP_075013.1, NP_075014.1, NP_075015.1 and NP_059107.1).
<b>Immunogen Sequence</b>	DESENSRSPGNKSDN

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
  
25kDa  
20kDa  
  
15kDa

STJ71132 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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