

**PAC256Hu01**

**Polyclonal Antibody to Survival Motor Neuron Protein (SMN)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

### [ **PROPERTIES** ]

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 100µL

**Cross Reactivity:** Porcine

**Applications:** WB;ICC/IF

### [ **IMMUNOGEN** ]

**Immunogen:** Recombinant SMN (Ala2~Asn294) expressed in *E.coli*

**Accession No.:** RPC256Hu01

### [ **APPLICATIONS** ]

Western blotting: 0.01-2µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

### [ **FORMULATION** ]

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

### [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

**[ IDENTIFICATION ]**

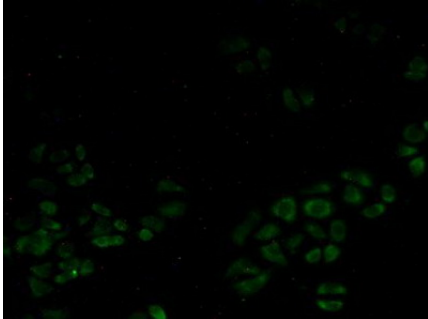
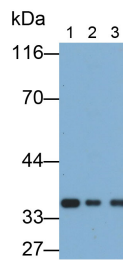
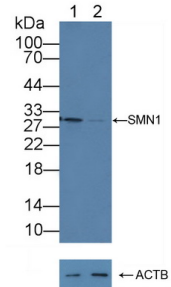


Figure. FITC staining on IHC-P;  
Samples: Human HeLa Cells.



Western Blot; Samples: Lane1: 293T cell lysate; Lane2: HeLa cell lysate; Lane3: HepG2 cell lysate;  
Primary Ab: 0.2µg/ml Rabbit Anti-Human SMN Antibody  
Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)



Knockout Verification:  
Lane 1: Wild-type HeLa cell lysate;  
Lane 2: SMN1 knockout HeLa cell lysate;  
Predicted MW: 31,30,28,27kd  
Observed MW: 30kd  
Primary Ab: 3µg/ml Rabbit Anti-Human SMN1 Antibody  
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.