

Nur für Forschungszwecke

# SPTBN1 Polyklonaler Antikörper

Katalog-Nr.: 25681-1-AP



## Allgemeine Informationen

**Katalog-Nr.:**  
25681-1-AP

**Größe:**  
150ul, Konzentration: 500 µg/ml von  
Nanodrop und 220 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG22459

**GenBank-Zugangsnummer:**  
BC137282

**GeneID (NCBI):**  
6711

**Vollständiger Name:**  
spectrin, beta, non-erythrocytic 1

**Berechnete Masse:**  
2364 aa, 275 kDa

**Beobachtete Masse:**  
275 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:500-1:3000

IF 1:20-1:200

## Anwendungen

**Geprüfte Anwendungen:**

IF, WB, ELISA

**Getestete Reaktivität:**

Human, Maus

**Positivkontrollen:**

**WB:** Caco-2-Zellen, HEK-293-Zellen, Mausherzgewebe,  
SH-SY5Y-Zellen

**IF:** HEK-293-Zellen,

## Hintergrundinformationen

SPTBN1 is the non-erythrocytic form of  $\beta$ -spectrin or  $\beta$ -fodrin. Spectrins are members of the superfamily of F-actin cross linking proteins that are important as scaffolding proteins for protein sorting, cell adhesion, and migration. Reduced expression of SPTBN1 has been found to correlate with shorter survival of patients with hepatocellular cancer, pancreatic cancer and other malignancies of the gastrointestinal tract, suggesting tumor suppression ability of this protein.

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

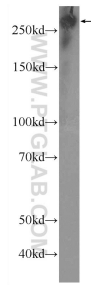
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

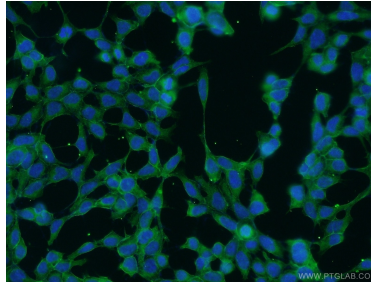
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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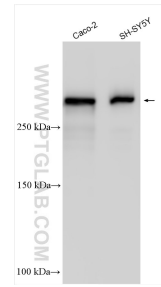
## Ausgewählte Validierungsdaten



HEK-293 cells were subjected to SDS PAGE followed by western blot with 25681-1-AP (SPTBN1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 25681-1-AP (SPTBN1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 25681-1-AP (SPTBN1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.