

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 16329-1-AP	<b>GenBank-Zugangsnummer:</b> BC012184	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 380 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 81609	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2400 IHC 1:20-1:200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> sorting nexin family member 27	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 61 kDa, 60 kDa, 52 kDa, 28 kDa	
<b>Immunogen Katalognummer:</b> AG9447	<b>Beobachtete Masse:</b> 52-60 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, WB,ELISA	<b>Positivkontrollen:</b> WB : Jurkat-Zellen, Mausmilzgewebe
<b>In Publikationen genannte Anwendungen:</b> WB	<b>IHC :</b> humanes Zervixkarzinomgewebe, humanes Tonsillitisgewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

Sorting nexin 27 (SNX27), a PDZ domain-containing protein, belongs to the sorting nexin family of proteins. SNX27 promotes recycling of internalized transmembrane proteins from endosomes to the plasma membrane by linking PDZ-dependent cargo recognition to retromer-mediated transport (PMID: 21602791; 23563491). It has been shown that SNX27 deficiency contributes to the synaptic and cognitive deficits by modulating glutamate receptor recycling in Down's syndrome (PMID: 23524343). SNX27 has also been proposed to have a role in regulating  $\beta$ -amyloid (A $\beta$ ) generation by modulating  $\gamma$ -secretase activity, which is a molecular mechanism for A $\beta$ -dependent pathogenesis in both Down's syndrome and Down's syndrome (PMID: 25437557).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Boris Simonetti	28935633	J Cell Biol	WB
Xuan Ling Hilary Yong	34233182	Cell Rep	WB
Rachel Livingstone	35964329	Endocrinol Diabetes Metab	WB

## Lagerung

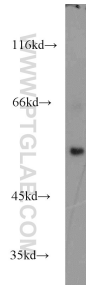
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

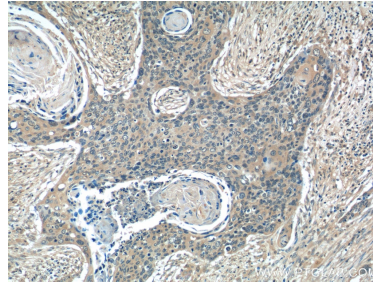
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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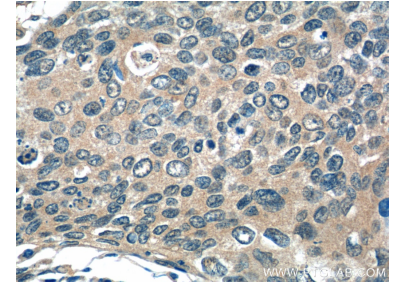
## Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 16329-1-AP (SNX27 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 16329-1-AP (SNX27 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 16329-1-AP (SNX27 Antibody) at dilution of 1:50 (under 40x lens).