

Nur für Forschungszwecke

# ATG7 Rekombinanter Antikörper

Katalog-Nr.:81760-1-RR

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 81760-1-RR	<b>GenBank-Zugangsnummer:</b> BC000091	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 10533	<b>CloneNo.:</b> 2M8
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> ATG7 autophagy related 7 homolog (S. cerevisiae)	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:10000
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 78 kDa	
<b>Immunogen Katalognummer:</b> AG0142	<b>Beobachtete Masse:</b> 68-78 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
WB, ELISA

**Getestete Reaktivität:**  
Human

### Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, U2OS-Zellen

## Hintergrundinformationen

Atg7 is an E1-like enzyme that is specifically involved in autophagosome formation and is essential for autophagy. As an autophagic-related protein it is required for linking to Atg12, Atg5 and Atg8, which are essential for Atg conjugation and autophagosome formation. Atg7 has been reported as an important regulator of autophagy with starvation-induced or chemotherapeutic agent treatment. The high expression level of ATG7 is related to the survival of patients with breast cancer. There are several isoforms of ATG7 protein ranged from 68 kDa to 78 kDa.

## 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

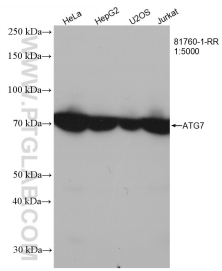
For technical support and original validation data for this product please contact:

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

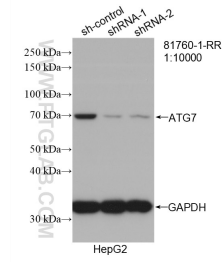
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



HeLa cells were subjected to SDS PAGE followed by western blot with 81760-1-RR (ATG7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of ATG7 antibody (81760-1-RR; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ATG7 transfected HepG2 cells.