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Datasheet for ABIN537884  
**anti-ATG3 antibody (N-Term)**

2 Images

Overview

Quantity:	100 µL
Target:	ATG3
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of ATG3.
Immunogen:	A synthetic peptide (conjugated with Blue Carrier Protein) corresponding to N-terminus of human ATG3.
Cross-Reactivity:	Human, Rat

Target Details

Target:	ATG3
Alternative Name:	APG3 / ATG3 ( <a href="#">ATG3 Products</a> )
Gene ID:	64422

## Target Details

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Pathways: [Autophagy](#)

## Application Details

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Application Notes: Immunohistochemistry (1:50-1:3000)  
Immunofluorescence (1:50-1:3000)  
Western Blot (1:50-1:3000)  
The optimal working dilution should be determined by the end user.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

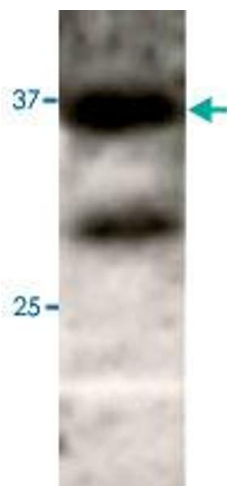
Buffer: Lyophilized from PBS

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C on dry atmosphere.  
After reconstitution with deionized water, store at -20°C or lower.  
Aliquot to avoid repeated freezing and thawing.

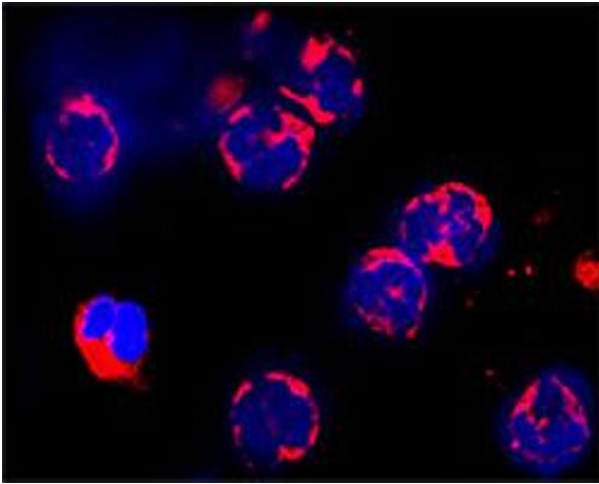
## Images

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### Western Blotting

**Image 1.** Western blot under reducing conditions on 293 cell lysate using rabbit ATG3 polyclonal antibody at a dilution of 1 : 50.



**Image 2.** Confocal microscopy on immunofluorescently detected ATG3 in cytospin - isolated human white blood cells using rabbit ATG3 polyclonal antibody at a dilution of 1 : 100, incubated for 1 hr at room temperature. The cells stained for ATG3 appear in red. The cells were counter stained with Hoechst Dye (blue colour) . Here, the merged picture is presented. More information on the staining :  
Fixation : In acetone for 90 seconds. Antibody dilutions :  
Primary antibody was diluted 1 : 100 and incubated for 1 hour, washed then 3x, and the secondary (Goat anti Rb 1 : 100 alexa 546 conjugate) was incubated for 30 minutes. Magnification 80X. No staining was observed using the Pre - immunisation serum. No staining was observed in HL-60 cell line using rabbit ATG3 polyclonal antibody .