


Product datasheet

Anti-ATG101 antibody ab229235

2 Images

Overview

Product name	Anti-ATG101 antibody
Description	Rabbit polyclonal to ATG101
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Xenopus laevis, Zebrafish, Rhesus monkey 
Immunogen	Synthetic peptide within Human ATG101 (internal sequence). The exact sequence is proprietary. (Carrier-protein conjugated). Database link: Q9BSB4
Positive control	WB: NCH1299 whole cell extract. IHC-P: A549 xenograft tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin Constituents: PBS, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab229235** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

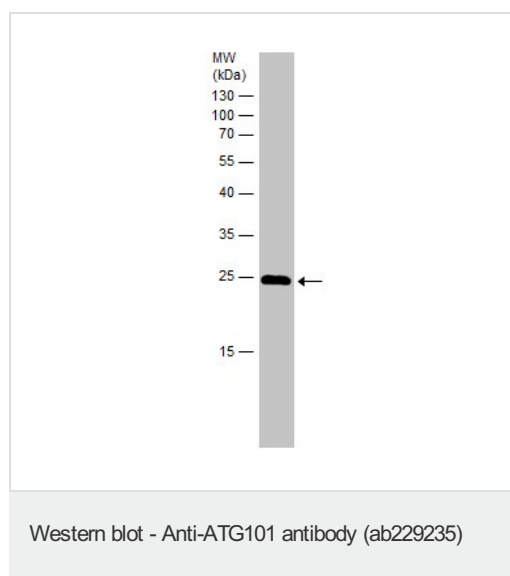
Application	Abreviews	Notes
IHC-P		1/100 - 1/1000.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 25 kDa.

Target

Function	Autophagy factor required for autophagosome formation.
Sequence similarities	Belongs to the ATG101 family.
Cellular localization	Cytoplasm. Preautophagosomal structure. Under starvation conditions, it is localized to punctate structures primarily representing the isolation membrane and the isolation membrane sequesters a portion of the cytoplasm resulting in autophagosome formation.

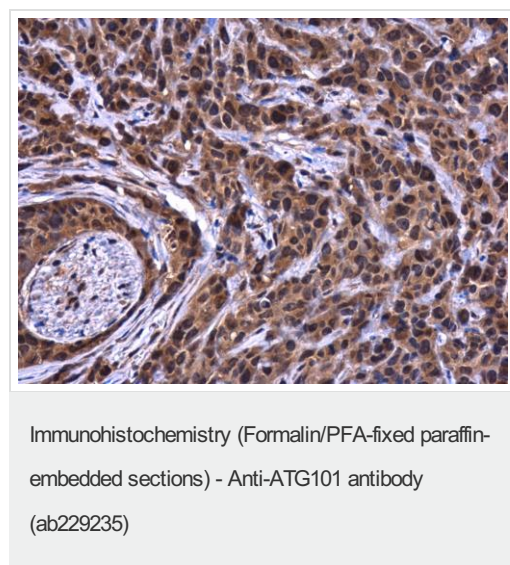
Images



Anti-ATG101 antibody (ab229235) at 1/1000 dilution + NCI-H1299 (human lung carcinoma cell line) whole cell extract at 30 µg

Predicted band size: 25 kDa

12% SDS-PAGE gel.



Paraffin-embedded A549 (human lung carcinoma cell line) xenograft tissue stained for ATG101 using ab229235 at 1/500 dilution in immunohistochemical analysis.

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