

Datasheet for ABIN7441640
anti-ATG7 antibody (AA 477-698)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ATG7
Binding Specificity:	AA 477-698
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Autophagy Related Protein 7 (ATG7)
Immunogen:	Recombinant Autophagy Related Protein 7 (ATG7) corresponding to Arg477~Val698 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ATG7. It has been selected for its ability to recognize ATG7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

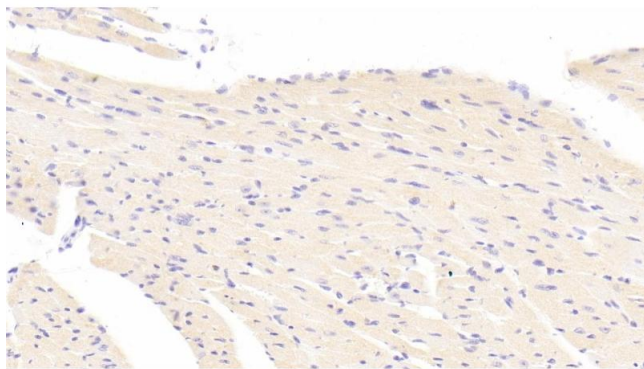
Target:	ATG7
Alternative Name:	Autophagy Related Protein 7 (ATG7 Products)
Background:	APG7L, GSA7, Ubiquitin-like modifier-activating enzyme ATG7, ATG12-activating enzyme E1 ATG7, Ubiquitin-activating enzyme E1-like protein
Pathways:	Response to Water Deprivation , Autophagy

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:210-840 Immunohistochemistry: 5-20 µg/mL 1:21-84 Immunocytochemistry: 5-20 µg/mL 1:21-84 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

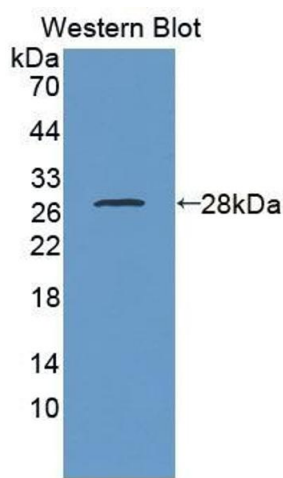
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



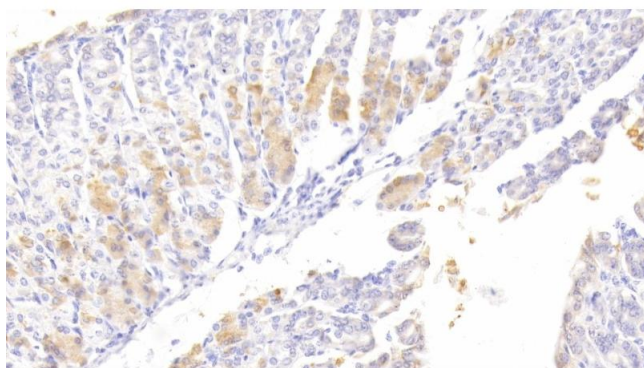
Immunohistochemistry

Image 1. Detection of ATG7 in Mouse Heart Tissue using Polyclonal Antibody to Autophagy Related Protein 7 (ATG7)



Western Blotting

Image 2. Detection of Recombinant ATG7, Mouse using Polyclonal Antibody to Autophagy Related Protein 7 (ATG7)



Immunohistochemistry

Image 3. Detection of ATG7 in Mouse Stomach Tissue using Polyclonal Antibody to Autophagy Related Protein 7 (ATG7)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7441640.