



Datasheet for ABIN363584
anti-ATG9A antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mL
Target:	ATG9A
Binding Specificity:	AA 750-839, C-Term
Reactivity:	Human, Rat, Mouse, Monkey, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide made to a region within the C-terminus of the human protein (between residues 750-839)
Specificity:	Reacts with ATG9A protein from human, mouse, primate, rat, bovine and chicken
Purification:	Antigen affinity purified

Target Details

Target:	ATG9A
Alternative Name:	Autophagy-Related Protein 9A (ATG9A Products)
Background:	Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. Plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle. Cycles between a juxta-nuclear

Target Details

trans-Golgi network compartment and late endosomes. Nutrient starvation induces accumulation on autophagosomes. Starvation-dependent trafficking requires ULK1, ATG13 and SUPT20H.

Gene ID: 79065

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only:
IHC1:100-1:250, IHC-P1:100-1:250, WB2 µg/mL

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, 30 % glycerol, Sodium azide 0.05 %

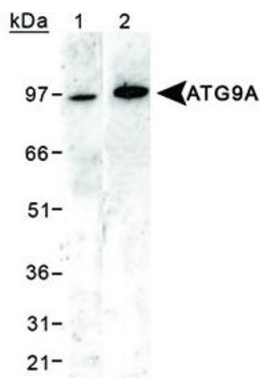
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C/-80 °C

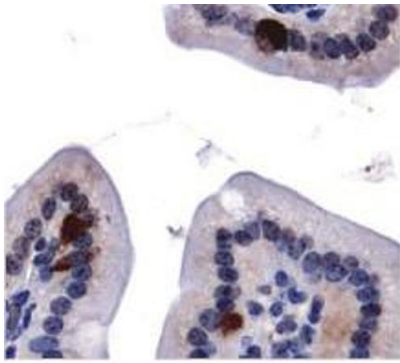
Storage Comment: Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

Validation report #029594 for ELISA (ELISA)



Detection of ATG9A protein in HEK293 lysates using pab50275
Lane 1: siRNA ATG9A knockdown
Lane 2: wildtype ATG9A

Image 1.



Staining of ATG9A in mouse intestine using pab50275

Image 2.