

# ATG5 Polyclonal Antibody

## Product Details

Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Chicken / IgY
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A peptide from near the amino terminus of human ATG5
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_11152612

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	2.5 µg/mL	-

## Product Specific Information

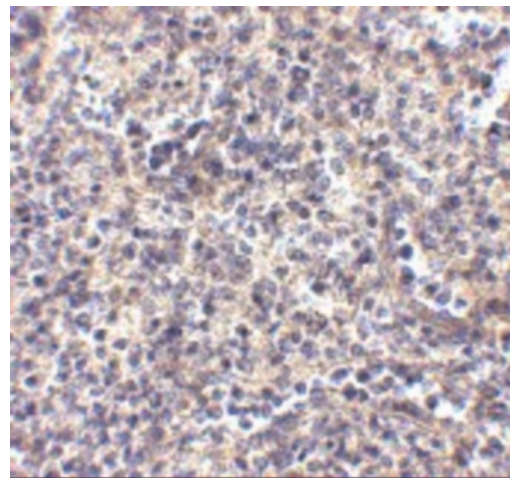
A suggested positive control is mouse spleen tissue lysate.

The PA5-20688 immunogen is located within the first 50 amino acids of ATG5.

Predicted molecular ~ 32kD. In Western blot applications, this antibody has been observed to detect a band at: 55kD (ATG5-ATG12 conjugation).

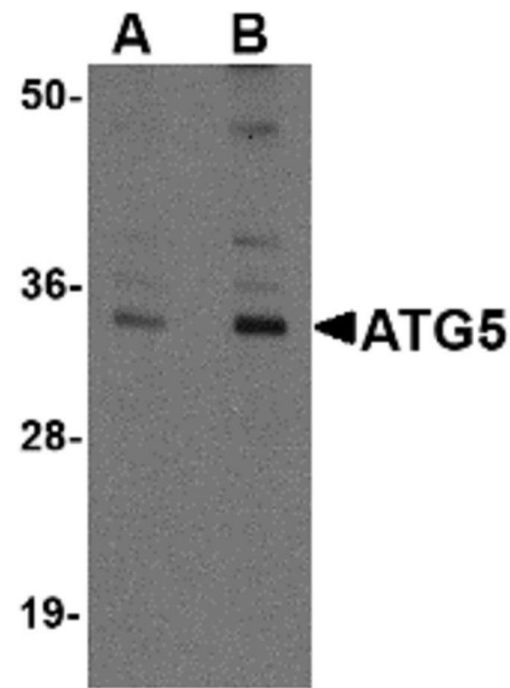
Predicted species reactivity based on immunogen sequence: Rat (100%), Bovine: (94%), Pig: (94%).

Product Images For ATG5 Polyclonal Antibody



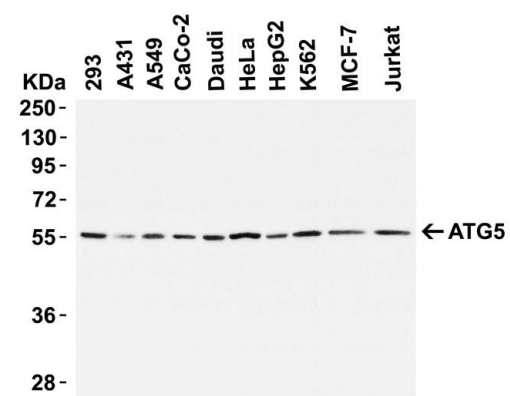
ATG5 Antibody (PA5-20688) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using ATG5 Polyclonal Antibody (Product # PA5-20688) at 2.5 µg/mL. Tissue was fixed with formaldehyde and blocked with 0.1 serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-chicken IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



ATG5 Antibody (PA5-20688) in WB

Western Blot Validation of ATG5 in Mouse Spleen. Loading: 15 µg of lysates per lane. Antibodies: ATG5 Polyclonal Antibody (Product # PA5-20688) 1h incubation at RT in 0.05 NFDM/TBST. Secondary: Goat anti-chicken IgG HRP conjugate at 1:10,000 dilution. Lane A: 1 µg/mL Lane B: 2 µg/mL



ATG5 Antibody (PA5-20688) in WB

Western Blot Validation of ATG5 in Human Cell Lines. Loading: 15 µg of lysates per lane. Antibodies: ATG5 Polyclonal Antibody (Product # PA5-20688) (2 µg /mL), 1h incubation at RT in 0.05 NFDM/TBST. Secondary: Goat anti-chicken IgG HRP conjugate at 1:10,000 dilution.

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