

ATG7 Recombinant Rabbit Monoclonal Antibody (3X1W4)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	3X1W4
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Atg7(Apg7) (O95352)
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol, 0.05% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2849219

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunoprecipitation (IP)	1:50-1:200	-

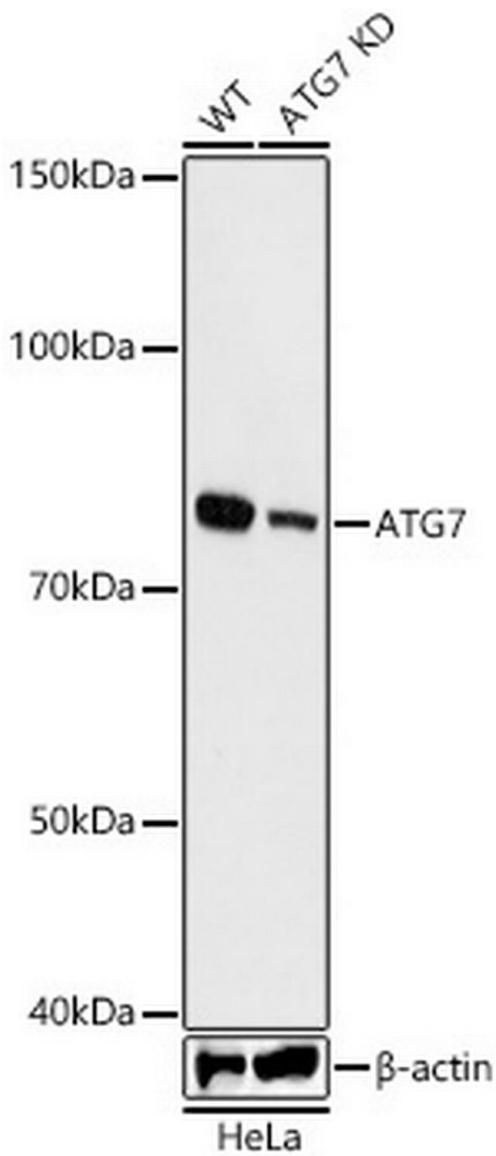
Product Specific Information

Immunogen sequence: MAAATGDPGL SKLQFAPFSS ALDVGFWHEL TQKKLNEYRL DEAPKDIKGY YYNGDSAGLP ARLTLEFSAF DMSAPTPARC CPAIGTLYNT NTLESFKTAD

Product Images For ATG7 Recombinant Rabbit Monoclonal Antibody (3X1W4)

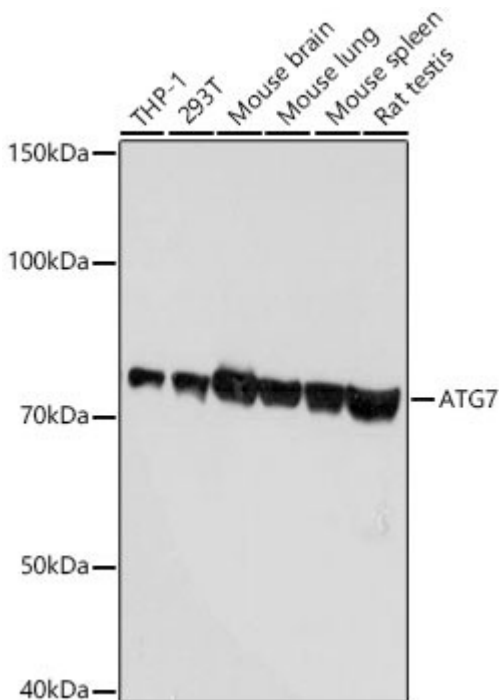
ATG7 Antibody (MA5-35317)

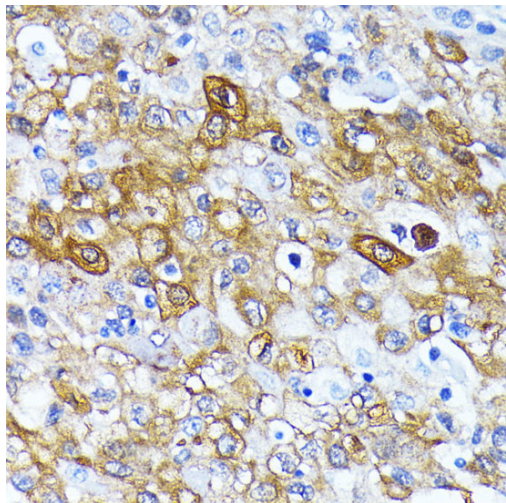
Antibody specificity was demonstrated by knockout of the target protein. Loss of signal was observed for target protein in ATG7 knockout (KO) HeLa cell line using Anti-ATG7 Recombinant Rabbit Monoclonal Antibody (3X1W4) (Product # MA5-35317). {KO}



ATG7 Antibody (MA5-35317) in WB

Western blot analysis of ATG7 in extracts of various cell lines. Samples were incubated with ATG7 Monoclonal antibody (Product # MA5-35317) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.





ATG7 Antibody (MA5-35317) in IHC (P)

Immunohistochemistry analysis of ATG7 in paraffin-embedded human esophageal cancer. Samples were incubated with ATG7 Monoclonal antibody (Product # MA5-35317) using a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

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