

# Product Data Sheet

## Anti-ATG10 Antibody

Catalog #	Source	Reactivity	Applications
CQA1837	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to ATG10		
<b>Immunogen</b>	Recombinant full length protein of human ATG10		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of ATG10 protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	ATG10		
<b>Alternative Names</b>	APG10L; Ubiquitin-like-conjugating enzyme ATG10; Autophagy-related protein 10; APG10-like		
<b>Entrez Gene</b>	83734 (Human); 66795 (Mouse)		
<b>SwissProt</b>	Q9H0Y0 (Human); Q8R1P4 (Mouse)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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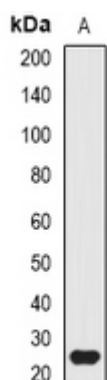
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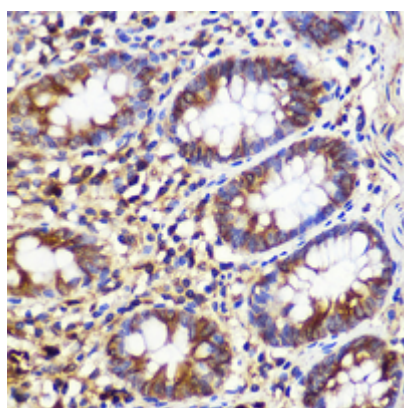
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Western blot analysis of ATG10 expression in mouse small intestine (A) whole cell lysates. (Predicted band size: 14; 25 kD; Observed band size: 25 kD)



Immunohistochemical analysis of ATG10 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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