

Applications	Reactivity	Sensitivity	MW (kDa)	Source
--------------	------------	-------------	----------	--------

W IP IF-IC	H	Endogenous	16, 55	Rabbit
------------	---	------------	--------	--------

Applications Key: W=Western Blotting IP=Immunoprecipitation IF-IC=Immunofluorescence (Immunocytochemistry)

Reactivity Key: H=Human

Species cross-reactivity is determined by western blot. Species enclosed in parentheses are predicted to react based on 100% sequence homology.

Protocols

2010:

[Immunofluorescence](#), [Immunoprecipitation](#), [Western Blotting](#)

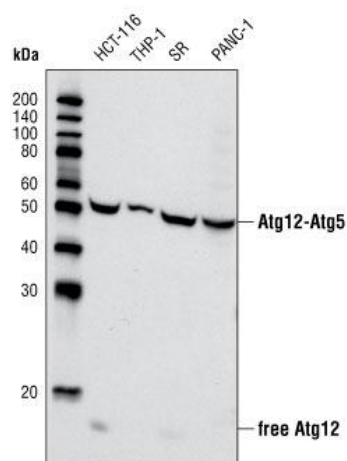
Specificity / Sensitivity

Atg12 Antibody (Human Specific) detects endogenous levels of total free and Atg5 bound Atg12 protein.

Source / Purification

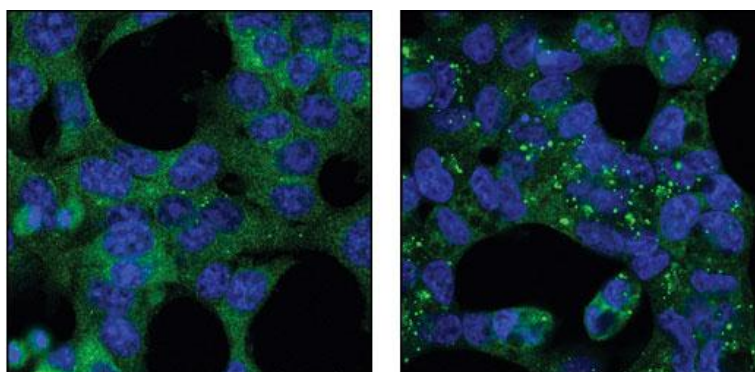
Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human Atg12. Antibodies are purified by peptide affinity chromatography.

Western Blotting



Western blot analysis of extracts from various cell lines using Atg12 Antibody (Human Specific).

IF-IC



Confocal immunofluorescent analysis of HCT-116 cells, untreated (left) or chloroquine-treated (right), using Atg12 Antibody (Human Specific) (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).