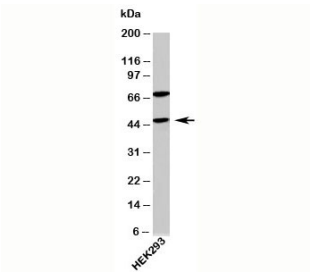
ATG4B Antibody (N1211)

Catalog No.	Formulation	Size
N1211-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug

Bulk quote request

Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	23192
Applications	Western blot: 4-6ug/ml
Limitations	This **ATG4B antibody** is available for research use only.



Western blot testing of human samples with ATG4B antibody at 4ug/ml.

Description

Autophagy is the cellular mechanism of degradation and turnover of unnecessary or dysfunctional cellular components. The unneeded components are engulfed in vesicles called autophagosomes, where they are broken down and recycled. The Ã¯Â¿Â½autophagy-related geneÃ¯Â¿Â½ ATG4B is a regulator of autophagasome maturation. The microtubule-associated protein LC3-I is lipidated (called LC3-II in its lipidated state) and recruited to the autophagosomal membrane where it is of vital importance in the maturation of autophagosomes. ATG4B regulates LC3-II availability by modulating LC3-I lipidation.

For an alternative reagent with knockout-supported Western blot validation and extensive human and rat sample testing,

explore our ATG4B Antibody (RQ6821).

Application Notes

Provided assay concentrations are suggestions only, ATG4B antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the N-terminal region of ATG4B was used as the immunogen for this antibody.

Storage

Aliquot the ATFG4B antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

Autophagy related protein 4 homolog B, APG4B

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