

## Catalog #: 5754

## Aliases

ATG5; Autophagy Related 5; ASP; HAPG5; APG5L; APG5; Apoptosis-Specific Protein; Autophagy Protein 5; ATG5 Autophagy Related 5 Homolog (S. Cerevisiae); APG5 (Autophagy 5, S. Cerevisiae)-Like; APG5 Autophagy 5-Like (S. Cerevisiae); ATG5 Autophagy Related 5 Homolog; APG5 Autophagy 5-Like; APG5-LIKE; APG5-Like; SCAR25

## Background

Gene Name: ATG5

NCBI Gene Entry: [9474](#)

UniProt Entry: [Q9H1Y0](#)

## Application Information

Molecular Weight: Predicted, 32 kDa; observed, 55 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB)

## Immunogen

A synthesized peptide derived from human ATG5

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

**Note:** This product is for research use only.

## Validation Data

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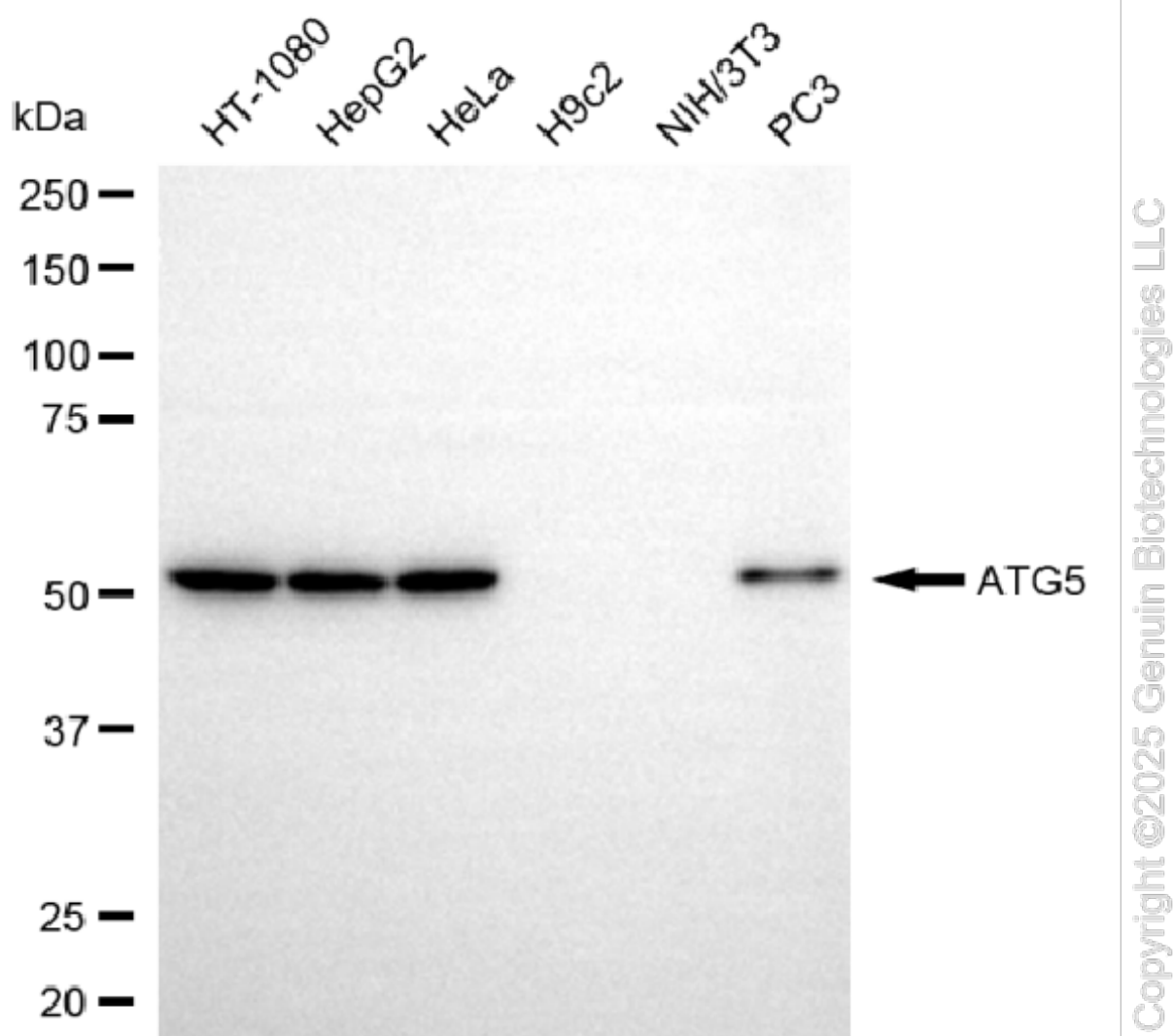
### SUPPORT

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Western blotting analysis using anti-ATG5 antibody (Cat#5754). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATG5 antibody (Cat#5754, 1:2,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).