

Product Datasheet

Atg7(Apg7) Antibody

Catalog No: CY7051

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF



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Information

UniProt ID: O95352

All Names: hAGP7; Ubiquitin-activating enzyme E1-like protein; APG7L;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 77kDa

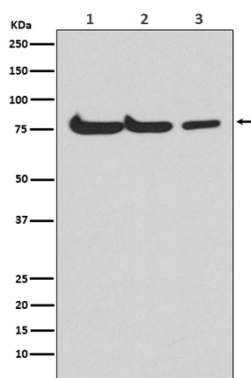
Application

WB 1:1000~1:5000

ICC/IF 1:50~1:200

Background

Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.



Western blot analysis of Atg7(Apg7) expression in (1) HepG2 cell lysate; (2) Mouse spleen lysate; (3) Rat kidney lysate.

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