

CPAB0613

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## Product Information

**Size:**

5µg

**Applications:**

Western Blot, ELISA

**Reactivity:**

Other bodies

**Source:**

Mouse

**Isotype:**

IgG1 k

**Purification Method:**

ATG3 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

**Protein Background:**

Autophagy Related 3 (ATG3) is a conjugating enzyme essential for the cytoplasm to vacuole transport (Cvt), autophagy, and mitochondrial homeostasis. ATG3 localizes to the cytoplasm and is expressed in tissues with predominant levels found in kidney, placenta, liver, heart and skeletal muscle. ATG3 catalyzes a reaction which is necessary for autophagy. That reaction is the formation of the Atg8-phosphatidylethanolamine (ATG-PE) conjugate.

**Synonyms:**

APG3, APG3-LIKE, APG3L, PC3-96, Ubiquitin-like-conjugating enzyme ATG3, Autophagy-related protein 3, hApg3, PC3-96, ATG3.

**Immunogen:**

Anti-human ATG3mAb, clone PAT15F6AT, is derived from hybridization of mouse F myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ATG3 protein (1-314 amino acids purified from Ecoli.

**Storage:**

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.