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Bhubaneswar, Odisha - 751024, INDIA

11-1005: Polyclonal Antibody to APG4B

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: ATG4B
Gene ID: 23192
Uniprot ID: Q9Y4P1
Format: Purified

Alternative Name: ATG4B,APG4B,AUTL1,KIAA0943

Isotype: Rabbit IgG

Immunogen Information: A partial length recombinant APG4B protein (amino acids 150-393) was used as the immunogen

for this antibody.

Description

APG4B (autophagy related 4B, cysteine peptidase) belongs to autophagin protein family. APG4B splits the C-terminal amino acid of ATG8 family proteins, MAP1LC3, GABARAPL1, GABARAPL2 and GABARAP, to reveal a C-terminal glycine. It has 393 aminoacids recidues. It has 5 isoforms produced by alternative transcriptional splicing. APG4B is mainly expressed in the skeletal muscle, brain, heart, liver and pancreas. It is a Cysteine protease needed for the cytoplasm to vacuole transport (Cvt) and autophagy. APG4B mainly expressed in the skeletal muscle, followed by brain, heart, liver and pancreas.

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 4-6 µg/ml

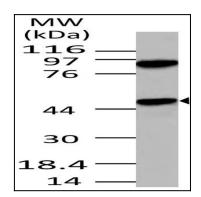


Fig-1: Western blot analysis of APG4B. Anti- APG4B antibody (11-1005) was used at 4 μ g/ml on 293 lysate.