

11-1005: Polyclonal Antibody to APG4B

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| 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 residues. 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

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| Amount : | 25 µg / 100 µg |
| 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 Åµg/ml

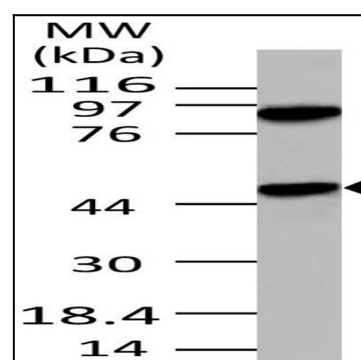


Fig-1: Western blot analysis of APG4B. Anti- APG4B antibody (11-1005) was used at 4 µg/ml on 293 lysate.