





ATG4D Antibody, HRP conjugated

Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. Q86TL0 Immunogen Recombinant Human Cysteine protease ATG4D protein (14-43AA) Raised In Rabbit Species Reactivity Human Tested Applications ELISA Relevance Cysteine protease ATG4D: Cysteine protease required for the cytoplasm to vacuole transport (Cvt) and autophagy. Cleaves the C-terminal amino acid of ATG8 family proteins MAP1LC3 and GABARAPL2, to reveal a C-terminal glycine. Exposure of the glycine at the C-terminus is essential for ATG8 proteins conjugation to phosphatidylethanolamine (PE) and insertion to membranes, which is necessary for autophagy. Has also an activity of delipidating enzyme for the PE-conjugated forms. Form Liquid Conjugate HRP Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 Purification Method >95%, Protein G purified Isotype IgG Clonality Polyclonal Alias Cysteine protease ATG4D (EC 3.4.22) (AUT-like 4 cysteine endopeptidase) (Autophagin-4) (Autophagy-related cysteine endopeptidase 4) (Autophagy-related protein 4 homolog D) [Cleaved into: Cysteine protease ATG4D, mitochondrial], ATG4D, APG4D AUTL4 Species Homo sapiens (Human) Research Area Cell Biology		
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Isotype IgG Clonality Polyclonal Alias Cysteine protease ATG4D (EC 3.4.22) (AUT-like 4 cysteine endopeptidase) (Autophagin-4) (Autophagy-related cysteine endopeptidase 4) (Autophagy-related protein 4 homolog D) [Cleaved into: Cysteine protease ATG4D, mitochondrial], ATG4D, APG4D AUTL4 Species Homo sapiens (Human) Research Area Cell Biology	Storage Buffer	
Clonality Polyclonal Cysteine protease ATG4D (EC 3.4.22) (AUT-like 4 cysteine endopeptidase) (Autophagin-4) (Autophagy-related cysteine endopeptidase 4) (Autophagy-related protein 4 homolog D) [Cleaved into: Cysteine protease ATG4D, mitochondrial], ATG4D, APG4D AUTL4 Species Homo sapiens (Human) Cell Biology	Purification Method	>95%, Protein G purified
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Research Area Cell Biology	Alias	(Autophagin-4) (Autophagy-related cysteine endopeptidase 4) (Autophagy-related protein 4 homolog D) [Cleaved into: Cysteine protease ATG4D,
	Species	Homo sapiens (Human)
Target Names ATG4D	Research Area	Cell Biology
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