ATG4b Rabbit Polyclonal Antibody（F304）

Catalog No.: RA20294

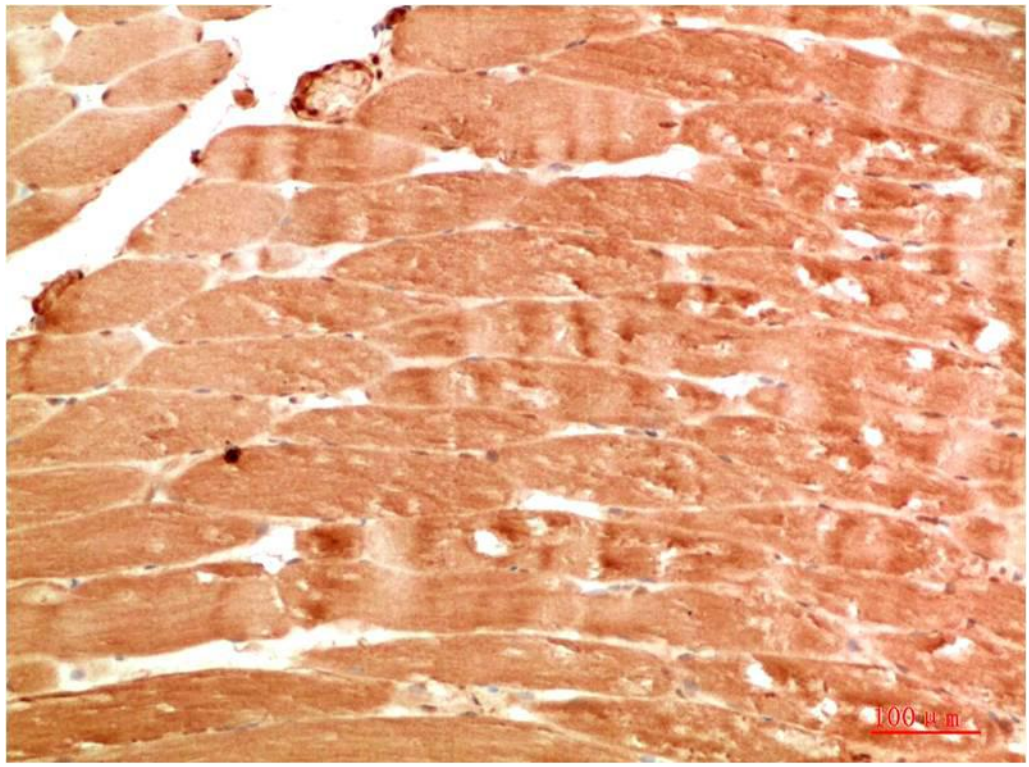
Basic Information

Information	
Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	44KD

Applications	Recommended Dilution
IHC	1:100-200

Preparation & Storage	
Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Immunohistochemical analysis of paraffin-embedded Human Skeletal Muscle Tissue using ATG4b Rabbit pAb diluted at 1:200

Background

Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of bulk cytoplasmic contents. Control of autophagy was largely discovered in yeast and involves proteins encoded by a set of autophagy-related genes (Atg). Formation of autophagic vesicles requires a pair of essential ubiquitin-like conjugation systems,Atg12-Atg5 and Atg8-phosphatidylethanolamine (Atg8-PE),which are widely conserved in eukaryotes. Numerous mammalian counterparts to yeast Atg proteins have been described,including three Atg8 proteins (GATE-16,GABARAP,and LC3) and four Atg4 homologs (Atg4A/autophagin-2,Atg4B/autophagin-1,Atg4C/autophagin-3,and Atg4D/autophagin-4).