

anti- ATG4B antibody

Product Information

Catalog No.:	FNab00674
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Cysteine protease required for the cytoplasm to vacuole transport(Cvt) and autophagy. Cleaves the C-terminal amino acid of ATG8 family proteins MAP1LC3, GABARAPL1, GABARAPL2 and GABARAP, 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.

Immunogen information

Immunogen:	ATG4 autophagy related 4 homolog B(S. cerevisiae)
Synonyms:	APG4B, AUTL1, KIAA0943
Observed MW:	44 kDa
UniprotID :	Q9Y4P1

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP

Wuhan Fine Biotech Co., Ltd.

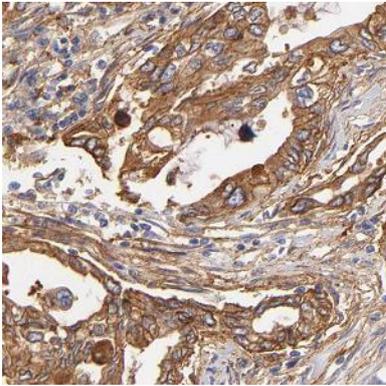
B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel :(0086)027-87384275

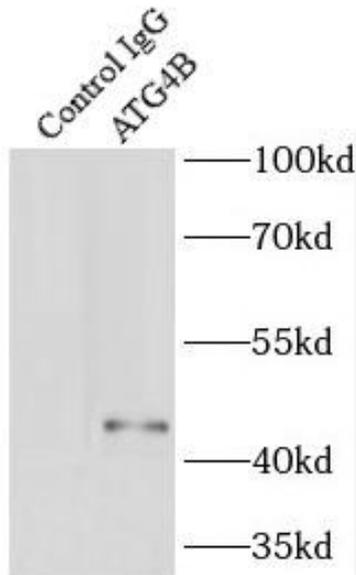
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Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:2000 ; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab00674(ATG4B antibody) at dilution of 1:50



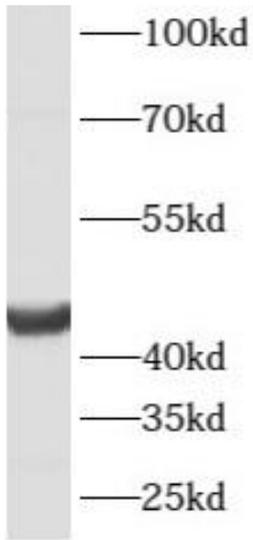
IP Result of anti-ATG4B (IP:FNab00674, 4ug; Detection:FNab00674 1:500) with mouse skeletal muscle tissue lysate 3600ug.

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human brain tissue were subjected to SDS PAGE followed by western blot with FNab00674(ATG4B antibody) at dilution of 1:800

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