

anti- ULK1 antibody

Product Information

Catalog No.:	FNab09251
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

ULK1, also named as KIAA0722, belongs to the protein kinase superfamily, Ser/Thr protein kinase family and APG1/unc-51/ULK1 subfamily. It is involved in autophagy. ULK1 is required for autophagosome formation. It forms a stable complex with Atg13 and focal adhesion kinase(FAK) family interacting protein of 200 kDa(FIP 200)(PMID:21460634). ULK1 phosphorylates ATG13/KIAA0652. It is involved in axon growth. ULK1 plays an essential role in neurite extension of cerebellar granule cells. ULK1 represents a potential novel prognostic biomarker for HCC patients and may play an important role during the progression of HCC(PMID:23573318).

Immunogen information

Immunogen:	unc-51-like kinase 1(C. elegans)
Synonyms:	ATG1, FLJ38455, FLJ46475, KIAA0722, ULK1, Unc 51 like kinase 1, UNC51, Unc51.1
Observed MW:	150 kDa
Uniprot ID :	O75385

Application

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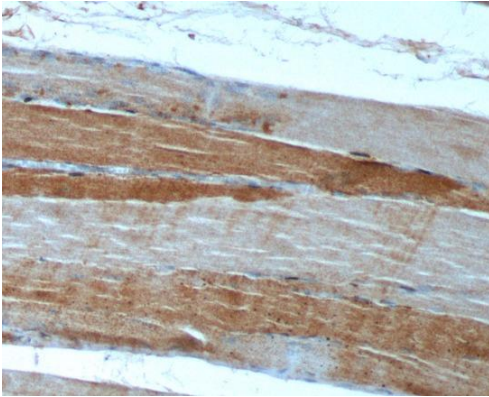
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

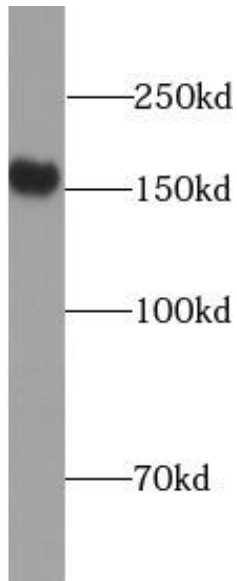
Fax: (0086)027-87800889

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Reactivity: Human, Rat
Tested Application: ELISA, WB, IHC
Recommended dilution: WB: 1:200-1:1000; IHC: 1:50-1:500
Image:



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue slide using FNab09251(ULK1 Antibody) at dilution of 1:200



rat skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab09251(ULK1 Antibody) at dilution of 1:300

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