

MTM1 antibody

Product Information

Catalog No.:	FNab05406
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

Lipid phosphatase which dephosphorylates phosphatidylinositol 3-monophosphate(PI3P) and phosphatidylinositol 3,5-bisphosphate(PI(3,5)P₂). Has also been shown to dephosphorylate phosphotyrosine-and phosphoserine-containing peptides. Negatively regulates EGFR degradation through regulation of EGFR trafficking from the late endosome to the lysosome. Plays a role in vacuolar formation and morphology. Regulates desmin intermediate filament assembly and architecture. Plays a role in mitochondrial morphology and positioning. Required for skeletal muscle maintenance but not for myogenesis.

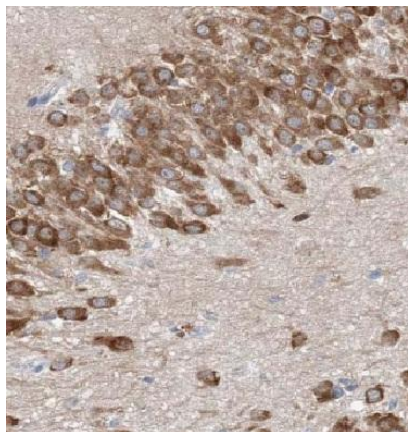
Immunogen information

Immunogen:	myotubularin 1
Synonyms:	Myotubularin Phosphatidylinositol-3,5-bisphosphate 3-phosphatase Phosphatidylinositol-3-phosphate phosphatase MTM1 CG2
Observed MW:	63 kDa
Uniprot ID :	Q13496

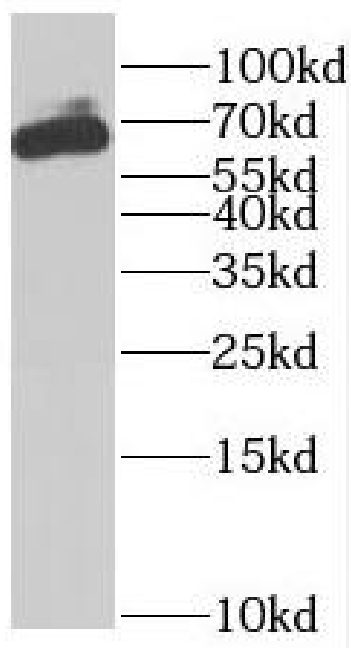
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human osteosarcoma using FNab05406(MTM1 antibody) at dilution of 1:100



L02 cells were subjected to SDS PAGE followed by western blot with FNab05406(MTM1 antibody) at dilution of 1:1000