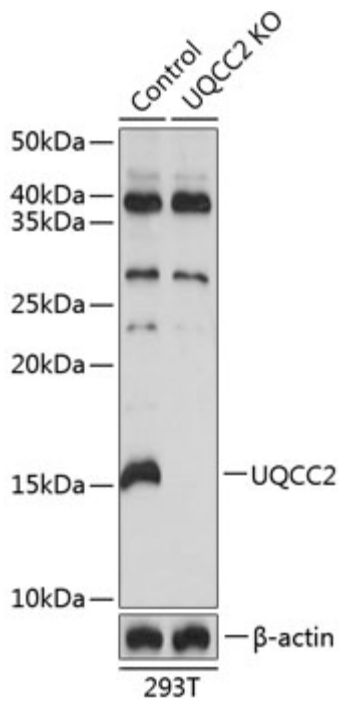

Product name:	MNF1 Polyclonal Antibody
Cat number:	AB-84439
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 14-126 of human MNF1.
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence / Immunocytochemistry 1:50 - 1:200
Molecular Weight:	15KDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.



Western blot analysis of extracts from normal (control) and UQCC2 knockout (KO) 293T cells, using MNFI antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 1s.