

CAB13606

Product Information

Product SKU:	CAB13606	Gene ID:	170731	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	80kDa	Conjugate:	Unconjugated
Calculated MW:	68kDa/86kDa	Isotype:	IgG

Immunogen Information

Background:	Predicted to enable several functions, including GTP binding activity; GTPase activity; and enzyme binding activity. Involved in mitochondrial fusion; parkin-mediated stimulation of mitophagy in response to mitochondrial depolarization; and positive regulation of cold-induced thermogenesis. Acts upstream of or within blastocyst formation and camera-type eye morphogenesis. Located in microtubule cytoskeleton and mitochondrion. Is expressed in several structures, including brain; early conceptus; eye; heart; and oocyte. Used to study Charcot-Marie-Tooth disease type 2A2A. Human ortholog(s) of this gene implicated in Charcot-Marie-Tooth disease; Charcot-Marie-Tooth disease type 2A2A; Charcot-Marie-Tooth disease type 2A2B; and Charcot-Marie-Tooth disease type 6. Orthologous to human MFN2 (mitofusin 2).
Recommended Dilution:	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200
Synonyms:	Fzo; D630023P19Rik; Mitofusin 2
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 70-260 of mouse Mitofusin 2 (NP_573464.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.