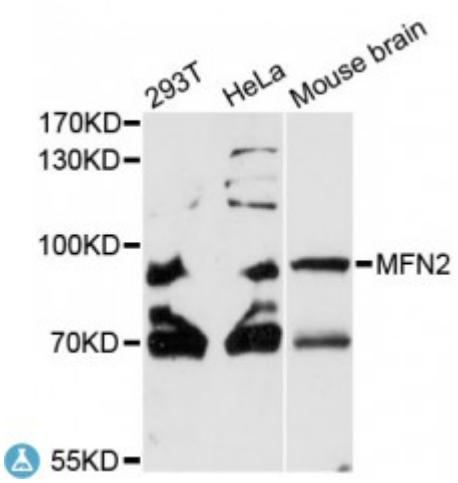
Anti-MFN2 Antibody



Description	This gene encodes a mitochondrial membrane protein that participates in mitochondrial fusion and contributes to the maintenance and operation of the mitochondrial network. This protein is involved in the regulation of vascular smooth muscle cell proliferation, and it may play a role in the pathophysiology of obesity. Mutations in this gene cause Charcot-Marie-Tooth disease type 2A2, and hereditary motor and sensory neuropathy VI, which are both disorders of the peripheral nervous system. Defects in this gene have also been associated with early-onset stroke. Two transcript variants encoding the same protein have been identified.

Model	STJ114644
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human MFN2 (NP_001121132.1).
Gene ID	9927
Gene Symbol	MFN2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitous
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Mitofusin-2

Molecular Weight	86.402 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16877OMIM:601152Reactome:R-HSA-5205685
Alternative Names	Mitofusin-2
Function	Mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion ,
Cellular Localization	Mitochondrion outer membrane
Post-translational Modifications	Phosphorylated by PINK1,