

MFN1 Antibody



PACO45144

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

Essential transmembrane GTPase, which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. MFN1 acts independently of the cytoskeleton. Overexpression induces the formation of mitochondrial networks.

Gene ID:

MFN1

Uniprot

Q8IWA4

Synonyms:

Mitofusin-1 (EC 3.6.5. -) (Fzo homolog) (Transmembrane GTPase MFN1), MFN1

Immunogen:

Recombinant Human Mitofusin-1 protein (622-741AA).

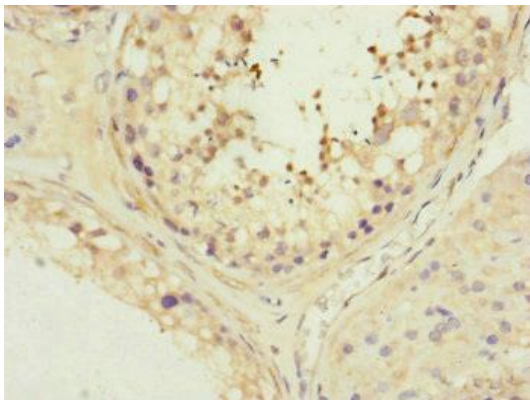
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

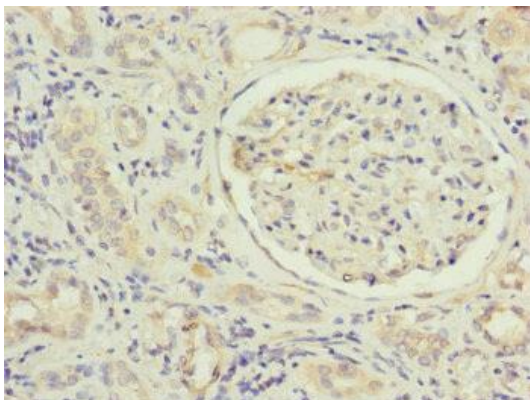
Product Images



Western blot. All lanes: MFN1 antibody at 3.78 μ g/ml. Lane 1: Human placenta tissue. Lane 2: Mouse kidney tissue. Lane 3: NIH/3T3 whole cell lysate. Lane 4: Jurkat whole cell lysate. Lane 5: Hela whole cell lysate. Lane 6: K562 whole cell lysate. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 85, 42, 72 kDa. Observed band size: 85 kDa.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO45144 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO45144 at dilution of 1:100.