

RACO0528

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Homo sapiens (Human)

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

IHC:1:50-1:200

**Protein Background:**

Mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion . Mitochondria are highly dynamic organelles, and their morphology is determined by the equilibrium between mitochondrial fusion and fission events . Overexpression induces the formation of mitochondrial networks . Membrane clustering requires GTPase activity and may involve a major rearrangement of the coiled coil domains (Probable). Plays a central role in mitochondrial metabolism and may be associated with obesity and/or apoptosis processes.

**Gene ID:**

MFN2

**Uniprot**

O95140

**Synonyms:**

Mitofusin-2 (EC 3.6.5. -) (Transmembrane GTPase MFN2), MFN2, CPRP1 KIAA0214

**Immunogen:**

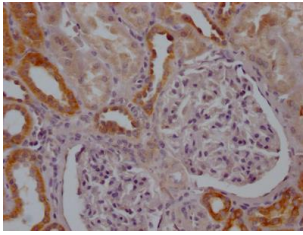
A synthesized peptide derived from human Mitofusin 2.

**Storage:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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IHC image of RACO0528 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.