

[KO Validated] NDUFS3 Rabbit Polyclonal Antibody

CAB8013



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

30kDa

Calculated MW:

14kDa/30kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.

Immunogen information

Gene ID:

4722

Uniprot

O75489

Synonyms:

NDUFS3; CI-30

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

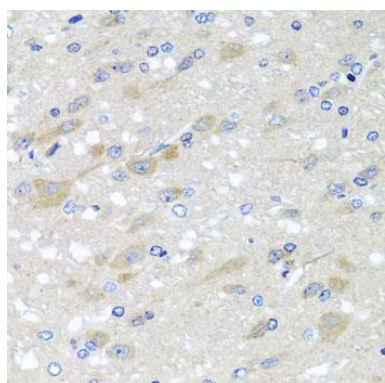
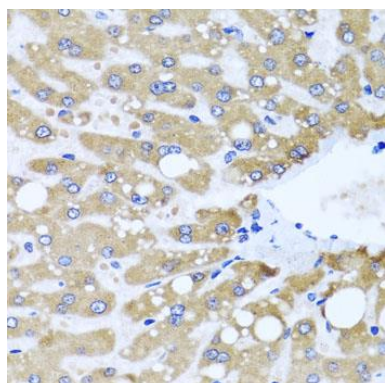
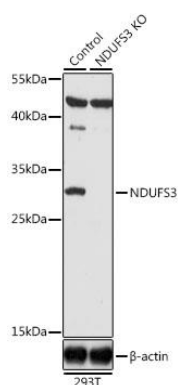
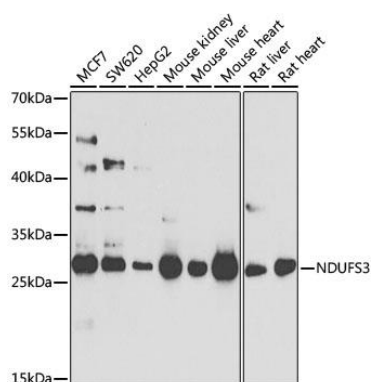
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 37-264 of human NDUFS3 (NP_004542.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using NDUF53 antibody (CAB8013) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Western blot analysis of extracts from normal (control) and NDUF53 knockout (KO) 293T cells, using NDUF53 antibody (CAB8013) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Immunohistochemistry of paraffin-embedded human liver damage using NDUF53 antibody (CAB8013) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded rat brain using NDUF53 antibody (CAB8013) at dilution of 1:100 (40x lens).