

OPA3 Rabbit Polyclonal Antibody



CAB7997

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

20kDa

Calculated MW:

19kDa/20kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

The mouse ortholog of this protein co-purifies with the mitochondrial inner membrane. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

80207

Uniprot

Q9H6K4

Synonyms:

OPA3; MGA3

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

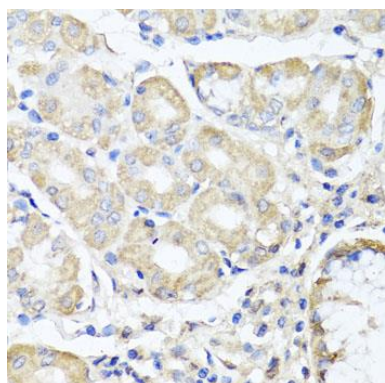
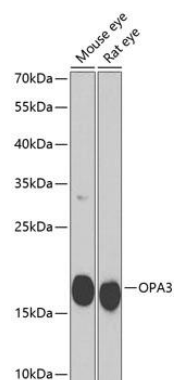
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 25-179 of human OPA3 (NP_079412.1).

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 OPA3 antibody (CAB7997) 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.

Immunohistochemistry of paraffin-embedded human stomach using OPA3 antibody (CAB7997) at dilution of 1:100 (40x lens).