

## GTPBP3

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:200 - 1:2000 IHC 1:20 - 1:200

**Calculated MW:**52kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human GTPBP3

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MSS1; MTGP1; THDF1; GTPBG3; COXPD23;

**Catalog #:**A5063

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**84705

**Isotype:**IgG

**Swiss Prot:**Q969Y2

**Purity:**Affinity purification

For research use only.

**Background:**

This locus encodes a GTP-binding protein. The encoded protein is localized to the mitochondria and may play a role in mitochondrial tRNA modification. Polymorphisms at this locus may be associated with severity of aminoglycoside-induced deafness, a disease associated with a mutation in the 12S rRNA. Alternatively spliced transcript variants encoding different isoforms have been described.

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