

## GTPBP3 Antibody(Center)

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|----------------|---|
| Catalog_no :   | AB1935  |
| Applications : | WB  |
| Reactivity :   | H   |
| Category :     | 抗原抗体  |
| Size :         | 100μL/50μL  |
| Immunogen :    | HUMAN:293-320   |
| Specificity :  | This GTPBP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 293-320 amino acids from the Central region of human GTPBP3.   |
| Dilution :     | WB,1:1000;  |
| Purification : | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.  |
| Other_name :   | tRNA modification GTPase GTPBP3, mitochondrial, GTP-binding protein 3, Mitochondrial GTP-binding protein 1, GTPBP3, MTGP1   |
| Isotype :      | Rabbit Ig   |
| 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. |
| reference :    | Reiling, E., et al. Eur. J. Hum. Genet. 17(8):1056-1062(2009) Villarroya, M., et al. Mol. Cell. Biol. 28(24):7514-7531(2008) Bykhovskaya, Y., et al. Mol. Genet. Metab. 83(3):199-206(2004) Li, X., et al. Biochem. Biophys. Res. Commun. 312(3):747-754(2  |