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Datasheet for ABIN966243

anti-GTPBP3 antibody (Isoform 4)

1 Publication

Overview

Quantity:	0.1 mg
Target:	GTPBP3
Binding Specificity:	Isoform 4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPBP3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human GTPBP3(GTP binding protein 3 isoform IV)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	GTPBP3
Alternative Name:	GTPBP3 (GTPBP3 Products)
Background:	The GTPBP3 is the mitochondrial GTPase evolutionarily conserved from bacteria to mammals. GTPBP3 is ubiquitously expressed in various tissues. GTPBP3 localizes in mitochondrion. The human GTPBP3 is a is a deafness-associated homolog of yeast MSS1. The allelic variants in GTPBP3 could modulate the phenotypic manifestation of human mitochondrial A1555G

Target Details

mutation.

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 50% glycerol

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Publications

Product cited in: Lee, Lee, Jung, Park, Park, Hahm: "Late reactivation of sonic hedgehog by Helicobacter pylori results in population of gastric epithelial cells that are resistant to apoptosis: implication for gastric carcinogenesis." in: **Cancer letters**, Vol. 287, Issue 1, pp. 44-53, (2010) ([PubMed](#)).

Dierker, Dreier, Migone, Hamer, Grobe: "Heparan sulfate and transglutaminase activity are required for the formation of covalently cross-linked hedgehog oligomers." in: **The Journal of biological chemistry**, Vol. 284, Issue 47, pp. 32562-71, (2009) ([PubMed](#)).