



[Go to Product page](#)

Datasheet for ABIN969163

anti-GABPA antibody (AA 120-190)

3 Images

2 Publications

Overview

Quantity:	100 µL
Target:	GABPA
Binding Specificity:	AA 120-190
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GABPA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human GABPA (aa120-190) expressed in E. coli.
Clone:	8C1B10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	GABPA
Alternative Name:	GABPA (GABPA Products)
Background:	Description: GABPA: GA binding protein transcription factor, alpha subunit 60 kDa. It is one of three GA-binding protein transcription factor subunits which functions as a DNA-binding

Target Details

subunit. Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, it may play a role in the Down Syndrome phenotype.

Aliases: NFT2, NRF2

Molecular Weight: 51 kDa

Gene ID: 2551

HGNC: 2551

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

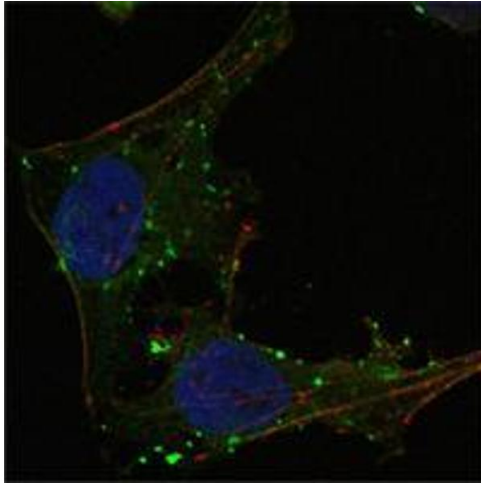
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

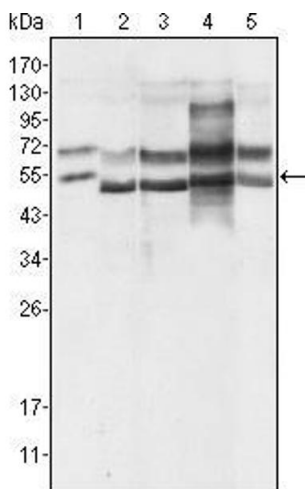
Publications

Product cited in: Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: **Journal of oral science**, Vol. 51, Issue 3, pp. 355-65, (2009) ([PubMed](#)).



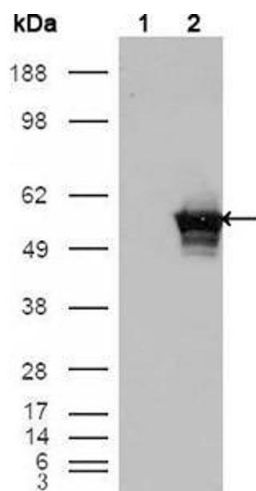
Immunofluorescence

Image 1. Confocal immunofluorescence analysis of HeLa cells using GABPA mouse mAb (green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Western Blotting

Image 2. Western blot analysis using GABPA mouse mAb against HeLa (1), A549 (2), MCF-7 (3), NIH/3T3 (4) and SMMC-7721 (5) cell lysate.



Western Blotting

Image 3. Western blot analysis using GABPA mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY GABPA cDNA (2).