

Datasheet for ABIN6140887
anti-GABPA antibody (AA 1-100)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	GABPA
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GABPA (NP_002031.2).
Sequence:	MTKREAELI EIEIDGTEKA ECTEESIVEQ TYAPAECVSQ AIDINEPIGN LKKLLEPRLQ CSLDAHEICL QDIQLDPERS LFDQGVKTDG TVQLSVQVIS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	GABPA
Alternative Name:	GABPA (GABPA Products)
Background:	<p>This gene encodes one of three GA-binding protein transcription factor subunits which functions as a DNA-binding 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, this gene may play a role in the Down Syndrome phenotype. Two transcript variants encoding the same protein have been found for this gene.,GABPA,E4TF1-60,E4TF1A,NFT2,NRF2,NRF2A,RCH04A07,Epigenetics & Nuclear Signaling,Transcription Factors,GABPA</p>
Molecular Weight:	51 kDa
Gene ID:	2551
UniProt:	Q06546
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

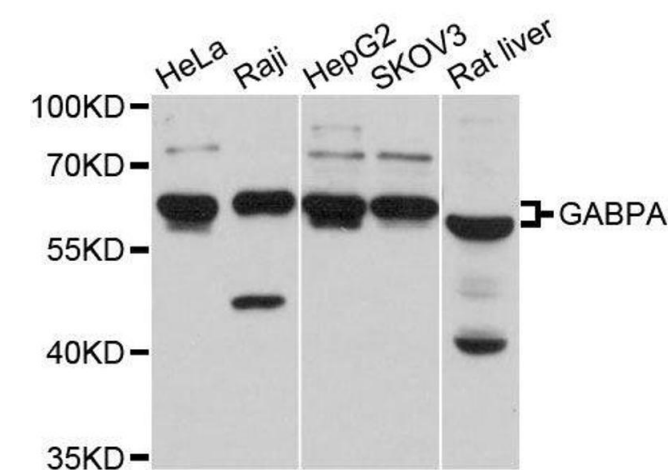
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in: Chen, Wu, Sang, Wang, Zong, Sun, Liu, Zhao: "The lncRNA HULC functions as an oncogene by targeting ATG7 and ITGB1 in epithelial ovarian carcinoma." in: **Cell death & disease**, Vol. 8, Issue 10, pp. e3118, (2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using GABPA antibody.