Datasheet for ABIN2792606

anti-GABPA antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	GABPA
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GABPA
Sequence:	KWGQRKNKPT MNYEKLSRAL RYYYDGDMIC KVQGKRFVYK FVCDLKTLIG
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Chicken, Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against GABPA. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	GABPA

Target Details

Alternative Name:	GABPA (GABPA Products)
Background:	GA Binding Protein . chain (GABP-. subunit, GABPA, nuclear respiratory factor-2 subunit . transcription factor E4TF1-60) is 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. Alias Symbols: NFT2, NRF2, NRF2A, E4TF1A, E4TF1-60, RCH04A07 Protein Interaction Partner: UBC, NCOA7, KCTD12, TSEN34, DIABLO, CUTC, RAB3GAP2, LIMCH1, RAB3GAP1, GNE, KPNA1, YY1, GABPB1, PINX1, APP, KEAP1, SUMO2, HDAC1, EP300, SP3, CREBBP, HCFC1, SP1, ATF1, MED1, Protein Size: 454
Molecular Weight:	51 kDa
Gene ID:	2551
NCBI Accession:	NM_002040, NP_002031
UniProt:	Q06546
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB Suggested Anti-GABPA Antibody Titration: 0.5-1.0 µg/mL Positive Control: Jurkat cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 454 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

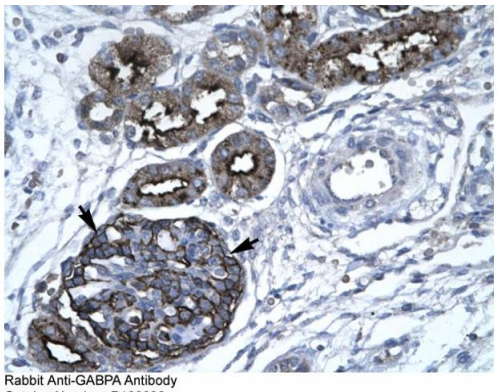
Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

Western Blotting

Image 1. WB Suggested Anti-GABPA Antibody Titration: 0.5-1.0ug/ml Positive Control: Jurkat cell lysate GABPA is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-GABPA Antibody
Catalog Number: P100832
Lot Number: QC0832
Paraffin Embeded Tissue: Human Kidney
Cells with Positive label: renal corpuscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human kidney

Western Blotting

Image 3. Host: Mouse Target Name: GABPA Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml