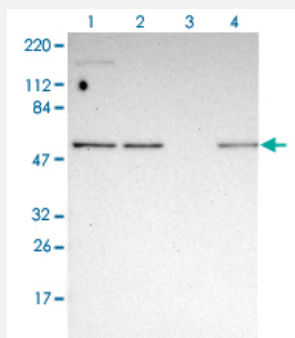


GABPA polyclonal antibody

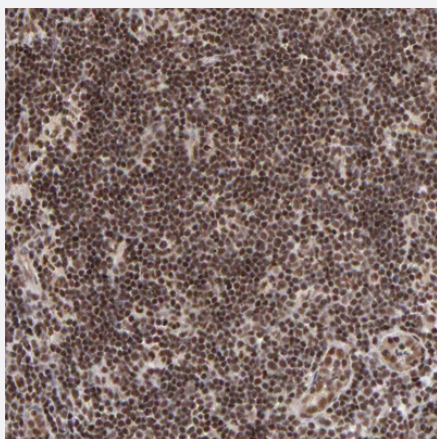
Catalog # PAB29389 Size 100 uL

Applications



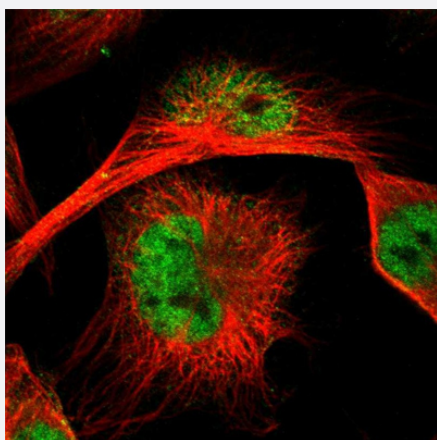
Western Blot (Cell lysate)

Western blot analysis of Lane 1: Human cell line RT-4 Lane 2: Human cell line U-251MG sp Lane 3: Human liver tissue Lane 4: Human tonsil tissue with GABPA polyclonal antibody (Cat # PAB29389) at 1:100-1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human lymph node with GABPA polyclonal antibody (Cat # PAB29389) shows strong nuclear positivity in lymphoid cells outside reaction centra at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with GABPA polyclonal antibody (Cat # PAB29389) at 1-4 ug/mL concentration shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human GABPA.
Immunogen	Recombinant protein corresponding to human GABPA.
Sequence	EELIEIDGTEKAECTEESVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQCSLDAHEICLDIQLD PERSLFDQGVKTDGTVQLSVQVISYQGIEPKLNILEVVKPADTVEVVIDPDAHHAESEAHLVVEEAQV ITLDGTK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — GABPA

Entrez GeneID [2551](#)

Gene Name GABPA

Gene Alias E4TF1-60, E4TF1A, NFT2, NRF2, NRF2A

Gene Description GA binding protein transcription factor, alpha subunit 60kDa

Omim ID [600609](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations GA binding protein transcription factor, alpha subunit|OTTHUMP00000096114|human nuclear respiratory factor-2 subunit alpha|nuclear respiratory factor 2 alpha subunit

Disease

- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Lupus Erythematosus](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)