

For Research Use Only

GABPA Monoclonal antibody

Catalog Number: 68645-1-Ig



Basic Information

Catalog Number: 68645-1-Ig	GenBank Accession Number: BC035031	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2551	CloneNo.: 2A7E3
Source: Mouse	Full Name: GA binding protein transcription factor, alpha subunit 60kDa	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2a	Calculated MW: 454 aa, 51 kDa	
Immunogen Catalog Number: AG33705	Observed MW: 56-60 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:
WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cell,
K-562 cells, HSC-T6 cells, NIH/3T3 cells

Background Information

GA-binding protein alpha chain (GABP alpha subunit, GABPA, nuclear respiratory factor 2 subunit alpha, transcription factor E4TF1-60) is one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. GABPA is a member of Ets family, binds to the Yap promoter and activates YAP transcription (23684612). 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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

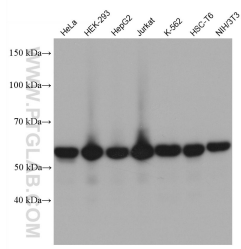
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68645-1-Ig (GABPA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.