

For Research Use Only

CoraLite® Plus 488-conjugated GABPA Recombinant antibody

Catalog Number: CL488-84951-4



Basic Information

Catalog Number: CL488-84951-4	GenBank Accession Number: BC035031	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2551	CloneNo.: 242578F10
Source: Rabbit	UNIPROT ID: Q06546	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: GA binding protein transcription factor, alpha subunit 60kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG16191	Calculated MW: 454 aa, 51 kDa	
	Observed MW: 56-60 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells, A431 cells
Species Specificity: human, mouse, rat	

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.

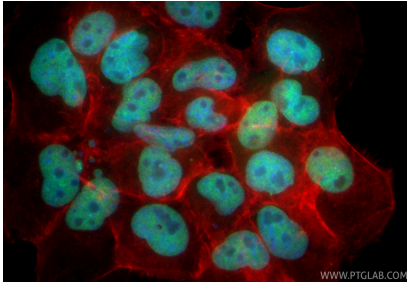
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

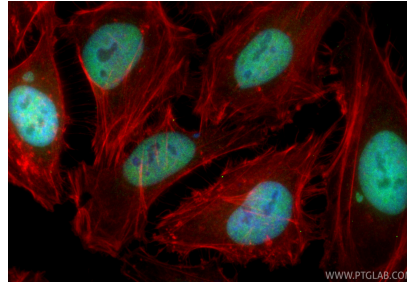
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 GABPA antibody (CL488-84951-4, Clone: 242578F10) at dilution of 1:200, CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 GABPA antibody (CL488-84951-4, Clone: 242578F10) at dilution of 1:200, CL594-Phalloidin (red).