

For Research Use Only

ETFA Polyclonal antibody, PBS Only

Catalog Number: 12262-1-PBS



Basic Information

Catalog Number:	12262-1-PBS	GenBank Accession Number:	BC015526	Purification Method:
Source:	Rabbit	GenID (NCBI):	2108	Antigen affinity purification
Isotype:	IgG	UNIPROT ID:	P13804	
Immunogen Catalog Number:	AG2931	Full Name:	electron-transfer-flavoprotein, alpha polypeptide	
		Calculated MW:	30 kDa	
		Observed MW:	30 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:
human, mouse, rat

Background Information

Electron transfer flavoprotein (ETF) exists in the mitochondrial matrix as a heterodimer of 30 kD alpha subunits (ETFA) and 28 kD beta subunits (ETFB) and contains 1 flavin adenine dinucleotide (FAD) and 1 adenosine 5-prime monophosphate (AMP) per heterodimer. ETFA serves as a specific electron acceptor for several dehydrogenases, including five acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

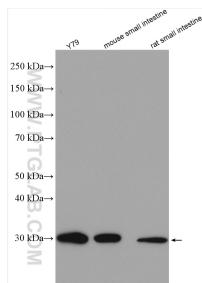
T: 4006900926

E: Proteintech-CN@ptglab.com

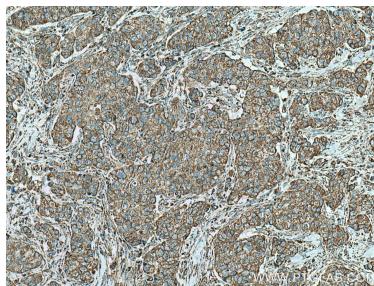
W: ptgcn.com

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

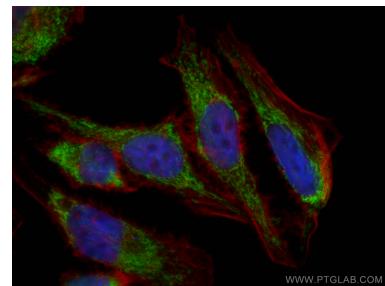
Selected Validation Data



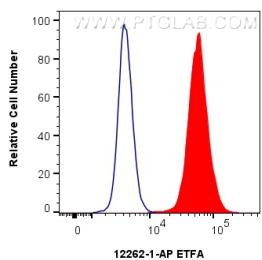
Various lysates were subjected to SDS PAGE followed by western blot with 12262-1-AP (ETFA antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12262-1-AP (ETFA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12262-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ETFA antibody (12262-1-AP) at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), 594-phalloidin (red). This data was developed using the same antibody clone with 12262-1-PBS in a different storage buffer formulation.



1x10⁶ MCF-7 cells were intracellularly stained with 0.8 ug ETFA Polyclonal antibody (12262-1-AP) and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.8 ug rabbit IgG isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 12262-1-PBS in a different storage buffer formulation.