
Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

Catalyzes the formation of CDP-diacylglycerol (CDP-DAG) from phosphatidic acid, (PA) in the mitochondrial inner membrane. Required for the biosynthesis of the dimeric phospholipid cardiolipin, which stabilizes supercomplexes of the mitochondrial respiratory chain in the mitochondrial inner membrane.

Gene ID:

TAMM41

Uniprot

Q96BW9

Synonyms:

Phosphatidate cytidylyltransferase, mitochondrial (EC 2.7.7.41) (CDP-diacylglycerol synthase) (CDP-DAG synthase) (Mitochondrial translocator assembly and maintenance protein 41 homolog) (TAM41), TAMM41, C3orf31

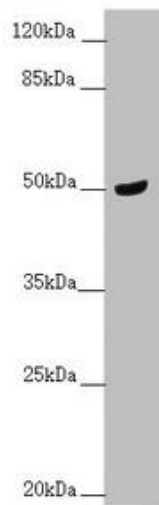
Immunogen:

Recombinant Human Phosphatidate cytidylyltransferase, mitochondrial protein (161-452AA).

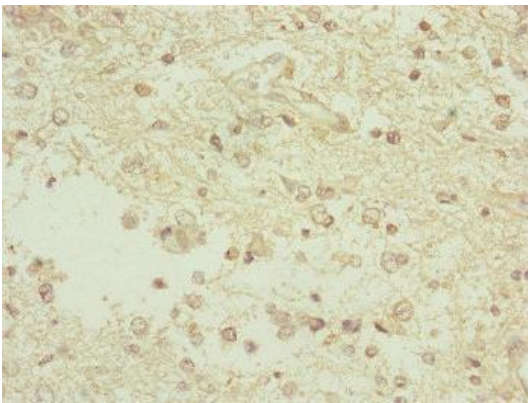
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

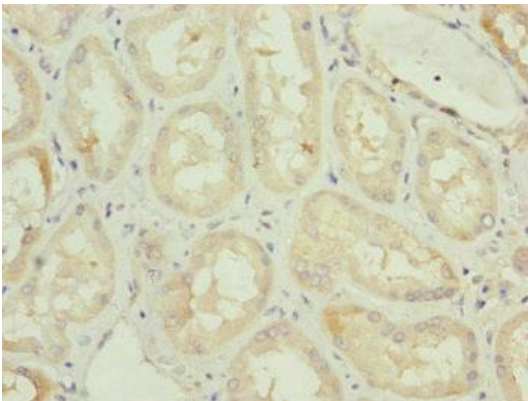
Product Images



Western blot. All lanes: TAMM41 antibody at 1.68 μ g/ml + Mouse brain tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 52, 36, 39 kDa. Observed band size: 52 kDa.



Immunohistochemistry of paraffin-embedded human glioma using PACO45121 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO45121 at dilution of 1:100.