

Anti-PCYT1A Antibody (6F766)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6F766
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: K562 whole cell lysate-All lanes: PCYT1A antibody at 1:1000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 42 kDa <p>-Observed band size: 42 kDa</p> <p>2. Immunofluorescence staining of HeLa Cells with TMAH-00861 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).</p>
Application:	ELISA, WB, IF
Recommended	WB:1:500-1:5000; IF:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human PCYT1A
Antigen Species:	Human
Gene ID:	5130
Uniprot ID:	P49585
Synonyms:	PCYT1;CCT-alpha;Choline-phosphate cytidyltransferase A;Phosphorylcholine transferase A; PCYT 1A;CT A;EC 2.7.7.15;CTP:phosphocholine cytidyltransferase A;CTPCT;CCT A
Biology Area:	Neuroscience, Cancer, Metabolism, Signal transduction

Research Background

Catalyzes the key rate-limiting step in the CDP-choline pathway for phosphatidylcholine biosynthesis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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