

Product datasheet for **CF811144**

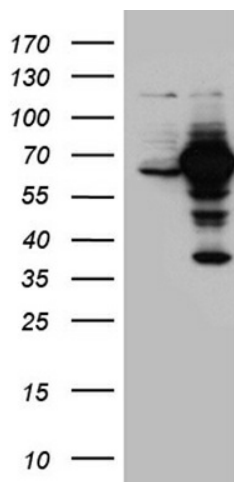
GNPAT Mouse Monoclonal Antibody [Clone ID: OTI4G9]

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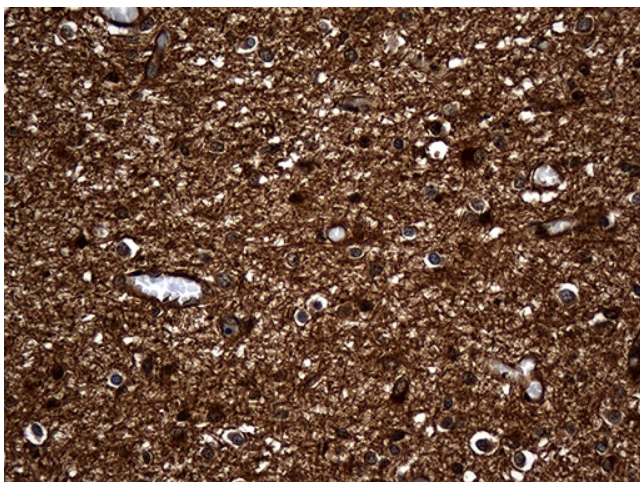
Product Type:	Primary Antibodies
Clone Name:	OTI4G9
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GNPAT (NP_055051) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	glyceronephosphate O-acyltransferase
Database Link:	NP_055051 Entrez Gene 8443 Human O15228
Synonyms:	DAP-AT; DAPAT; DHAPAT
Protein Families:	Druggable Genome
Protein Pathways:	Glycerophospholipid metabolism



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GNPAT (Cat# [RC201775], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GNPAT (Cat# [TA811144])(1:2000). Positive lysates [LY402292] (100ug) and [LC402292] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum within the normal limits using anti-GNPAT mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.