

## Product datasheet for TA592961M

### PNPLA3 Rabbit Monoclonal Antibody [Clone ID: OTIR1D10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIR1D10
Applications:	WB
Recommended Dilution:	WB 1:1000-1:5000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PNPLA3(NP_079501) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Predicted Protein Size:	52.8 kDa
Gene Name:	patatin like phospholipase domain containing 3
Database Link:	<a href="#">NP_079501</a> <a href="#">Entrez Gene 80339 Human</a> <a href="#">Q9NST1</a>
Background:	The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes. [provided by RefSeq, Jul 2008]
Synonyms:	ADPN; C22orf20; iPLA(2)epsilon


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**Protein Pathways:** Glycerolipid metabolism, Glycerophospholipid metabolism, Limonene and pinene degradation, Metabolic pathways, Phenylalanine metabolism, Tyrosine metabolism

**Product images:**

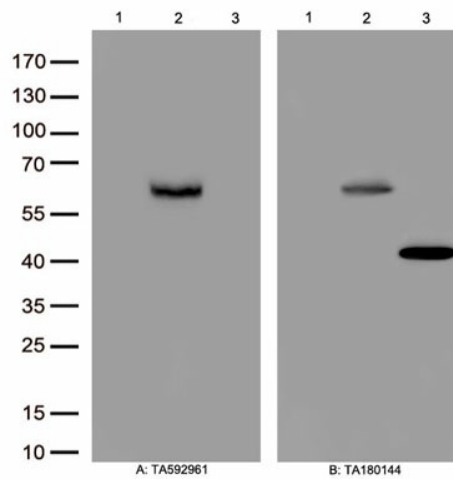
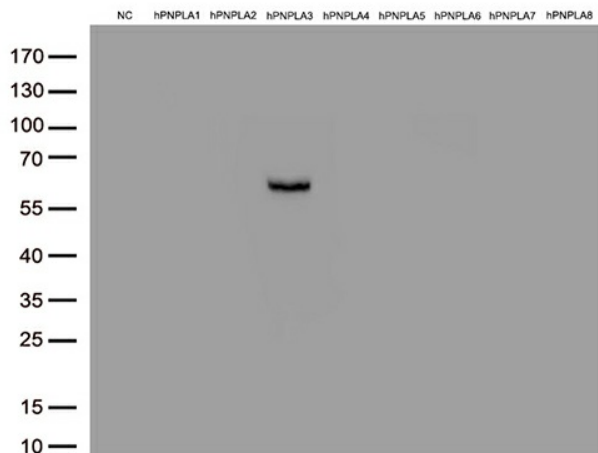


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1) , human PNPLA3 plasmid ([RC209577], lane 2), mouse PNPLA3 plasmid ([MR206522], lane 3) using anti-PNPLA3 antibody [TA592961] (1:5000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with human PNPLA1 plasmid ([RC227055], hPNPLA1), human PNPLA2 plasmid ([RG205708], hPNPLA2), human PNPLA3 plasmid ([RC209577], hPNPLA3), human PNPLA4 plasmid ([RG226698], hPNPLA4), human PNPLA5 plasmid ([RC218118], hPNPLA5), human PNPLA6 plasmid ([RC228678], hPNPLA6), human PNPLA7 plasmid ([RC223108], hPNPLA7), human PNPLA8 plasmid ([RG205193], hPNPLA8) using anti-PNPLA3 antibody ([TA592961], 1:500)