

## anti- ACOT7 antibody

### Product Information

Catalog No.:	FNab00093
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. May play an important physiological function in brain. May play a regulatory role by modulating the cellular levels of fatty acyl-CoA ligands for certain transcription factors as well as the substrates for fatty acid metabolizing enzymes, contributing to lipid homeostasis. Has broad specificity, active towards fatty acyl-CoAs with chain-lengths of C8-C18. Has a maximal activity toward palmitoyl-CoA.

### Immunogen information

Immunogen:	acyl-CoA thioesterase 7
Synonyms:	ACOT7, LACH1, LACH, acyl CoA thioesterase 7, ACH1
Observed MW:	40 kDa
Uniprot ID :	O00154

### Application

Reactivity:	Human, Mouse, Rat
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### Wuhan Fine Biotech Co., Ltd.

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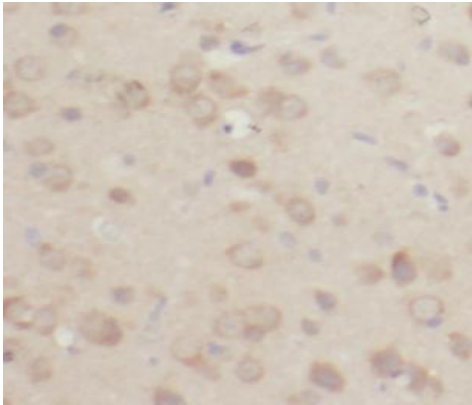
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

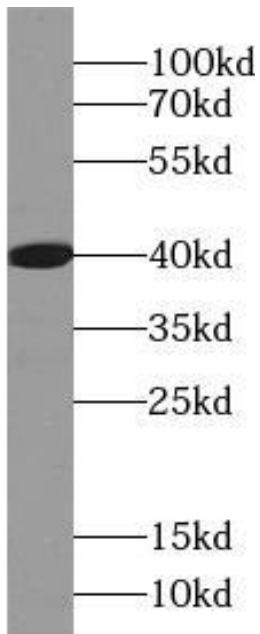
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:1000-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human brain using FNab00093(ACOT7 antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab00093(ACOT7 antibody) at dilution of 1:5000

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