

THEM4 antibody

Product Information

Catalog No.:	FNab08663
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

Has acyl-CoA thioesterase activity towards medium and long-chain(C14 to C18) fatty acyl-CoA substrates, and probably plays a role in mitochondrial fatty acid metabolism. Plays a role in the apoptotic process, possibly via its regulation of AKT1 activity. According to PubMed:11598301, inhibits AKT1 phosphorylation and activity. According to PubMed:17615157, enhances AKT1 activity by favoring its phosphorylation and translocation to plasma membrane.

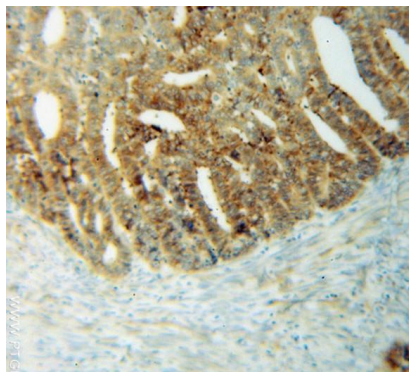
Immunogen information

Immunogen:	thioesterase superfamily member 4
Synonyms:	Acyl-coenzyme A thioesterase THEM4 (Acyl-CoA thioesterase THEM4) Carboxyl-terminal modulator protein Thioesterase superfamily member 4 THEM4 CTMP
Observed MW:	26 kDa
Uniprot ID :	Q5T1C6

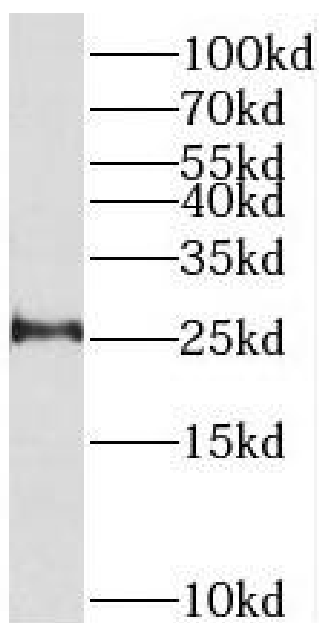
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human endometrial cancer using FNab08663(THEM4 antibody) at dilution of 1:50



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab08663(THEM4 antibody) at dilution of 1:500