

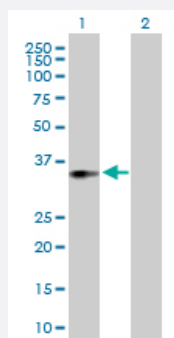
MaxPab®

# ACOT8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010005-B01P

Size 50 ug

## Applications

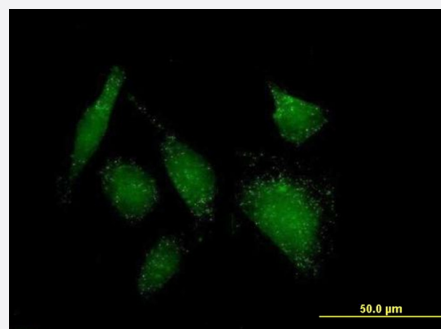


### Western Blot (Transfected lysate)

Western Blot analysis of ACOT8 expression in transfected 293T cell line ([H00010005-T01](#)) by ACOT8 MaxPab polyclonal antibody.

Lane 1: ACOT8 transfected lysate(35.09 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ACOT8 on HeLa cell. [antibody concentration 10 ug/ml]

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human ACOT8 protein.

### Immunogen

ACOT8 (NP\_005460.2, 1 a.a. ~ 319 a.a) full-length human protein.

### Sequence

MSSPQAPEDGQGCGDRGDPPGDLRSVLVTTVLNLEPLDEDLFRGRHYWVPAKRLFGGQIVGQA  
LVAAAKSVSEDEVHVHSLHCYFVRAGDPKLPVLYQVERTRTGSSFSVRSVKAVQHKGPIFICQASF  
QQAQPSPMQHQFSMPTVPPPEELDCETLIDQYLRDPNLQKRYPLALNRIAAQEVPIEIKPVNPSP  
LSQLQRMEPKQMFVWRARGYIGEGDMKMHCCVAAYSISDYAFLGTALLPHQWQHVKVHFMVSLDH  
SMWFHAPFRADHWMLYECESPWAGGSRGLVHGRLWRQDGVLAVTCAQEGVIRVKPQVSESKL

### Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ACOT8 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — ACOT8

Entrez GeneID	<a href="#">10005</a>
GeneBank Accession#	<a href="#">NM_005469.2</a>
Protein Accession#	<a href="#">NP_005460.2</a>
Gene Name	ACOT8
Gene Alias	HNAACTE, PTE-2, PTE1, PTE2, hACTE-III, hTE
Gene Description	acyl-CoA thioesterase 8
Omim ID	<a href="#">608123</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The protein encoded by this gene is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

HIV-Nef associated acyl-CoA thioesterase|OTTHUMP00000031675|long-chain fatty-acyl-CoA hydrolase|palmitoyl-CoA hydrolase|peroxisomal acyl-CoA thioesterase 1|peroxisomal acyl-coenzyme A thioester hydrolase 1|peroxisomal long-chain acyl-CoA thioesterase 1|th