

## ACOT9 Antibody

Catalog No: #36035

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## Description

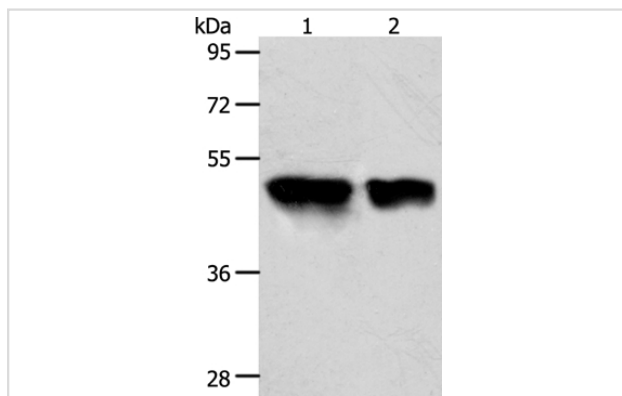
Product Name	ACOT9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACOT9 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	ACOT9
Other Names	ACATE2; CGI-16; MTACTION48; MT-ACT48
Accession No.	Swiss-Prot#: Q9Y305NCBI Gene ID: 23597Gene Accssion: NP_001028755
Uniprot	Q9Y305
GeneID	23597;
SDS-PAGE MW	50kd
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

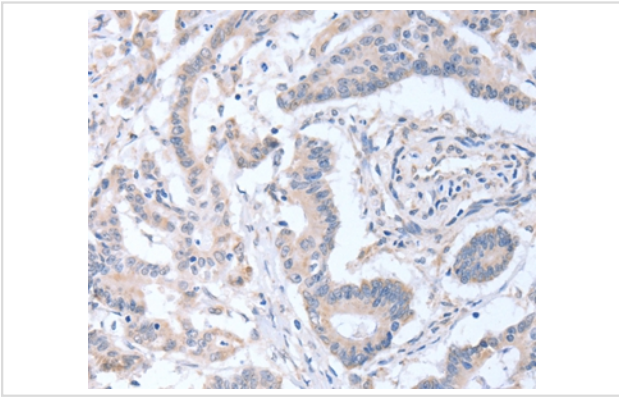
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:10-1:50

## Images



Gel: 10%SDS-PAGE  
Lysates (from left to right): MCF7 and A172 cell  
Amount of lysate: 40ug per lane  
Primary antibody: 1/350 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36035 at dilution 1/15.

## Background

The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene. 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. Active on long chain acyl-CoAs.

Note: This product is for in vitro research use only