

Product datasheet for **TA323401**

Acyl CoA Thioesterase 9 (ACOT9) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: MCF7 and A172 cells IHC: 10-50 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 1-212 amino acids of human acyl-CoA thioesterase 9
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	acyl-CoA thioesterase 9
Database Link:	NP_001028755 Entrez Gene 56360 Mouse Entrez Gene 23597 Human Q9Y305



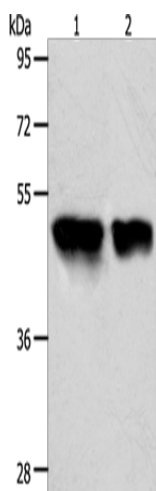
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Background:

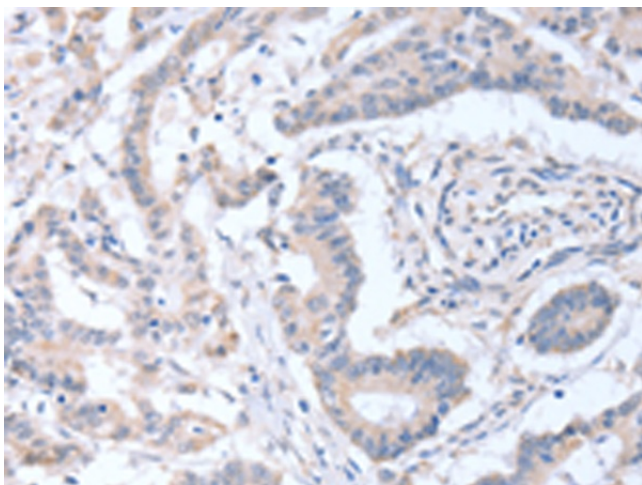
The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene. Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Active on long chain acyl-CoAs.

Synonyms:

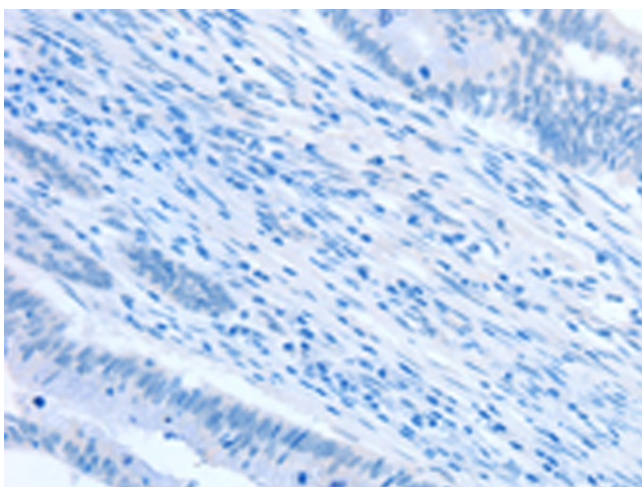
ACATE2; CGI-16; MT-ACT48; MTACT48

Product images:

Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: MCF7 cells
A172 cells
Primary antibody: TA323401 (ACOT9 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323401 (ACOT9 Antibody) at dilution 1/15 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323401 (ACOT9 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: ×200)