

Product datasheet for **TA322345S**

ACOT11 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human liver cancer and fetal kidney tissue IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
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:	68 kDa
Gene Name:	acyl-CoA thioesterase 11
Database Link:	NP_056362 Entrez Gene 329910 Mouse Entrez Gene 26027 Human Q8WXI4



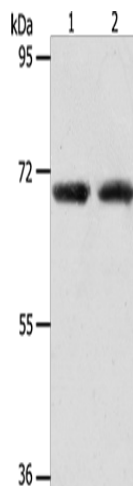
[View online »](#)

Background:

This gene encodes a member of the acyl-CoA thioesterase family which catalyse the conversion of activated fatty acids to the corresponding non-esterified fatty acid and coenzyme A. Expression of a mouse homolog in brown adipose tissue is induced by low temperatures and repressed by warm temperatures. Higher levels of expression of the mouse homolog has been found in obesity-resistant mice compared with obesity-prone mice, suggesting a role of acyl-CoA thioesterase 11 in obesity. Alternative splicing results in transcript variants.

Synonyms:

BFIT; STARD14; THEA; THEM1

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

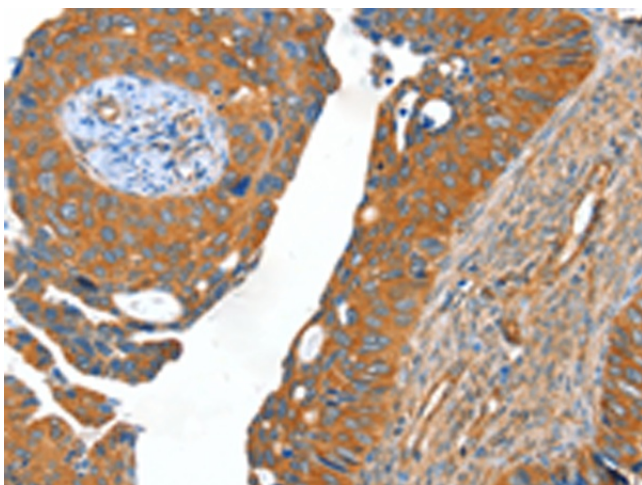
Lane 1-2: Human liver cancer tissue

Human fetal kidney tissue

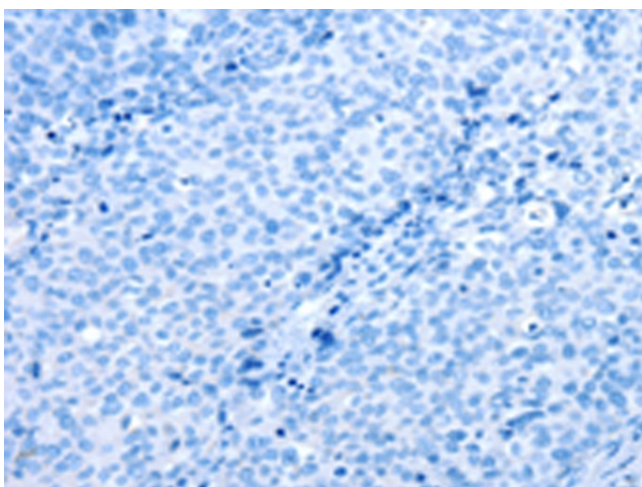
Primary antibody: [TA322345] (ACOT11 Antibody)
at dilution 1/650

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

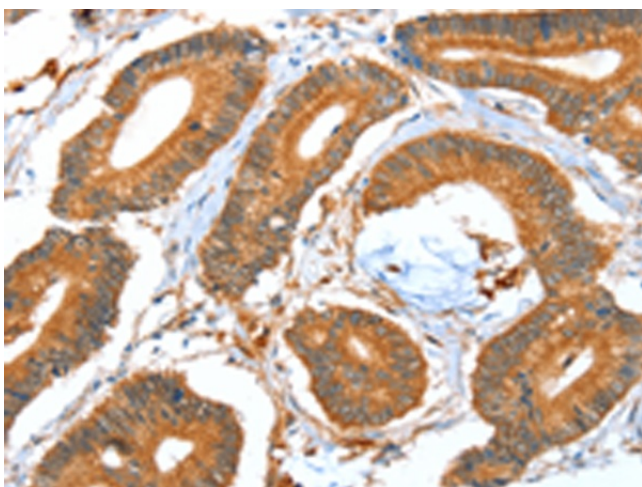
Exposure time: 90 seconds



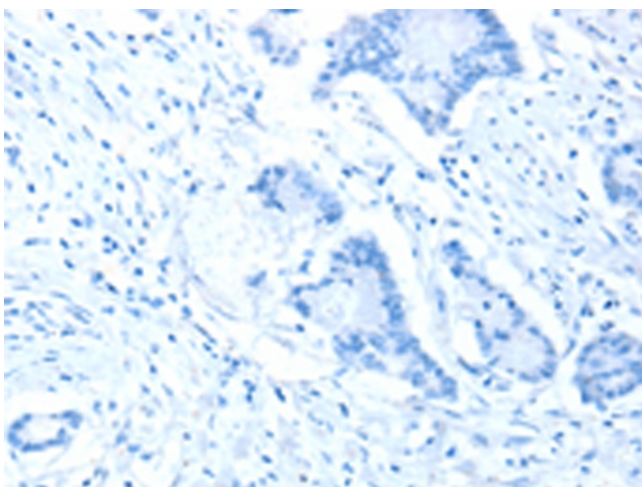
Immunohistochemistry of paraffin-embedded
Human cervical cancer tissue using [TA322345]
(ACOT11 Antibody) at dilution 1/40 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322345] (ACOT11 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA322345] (ACOT11 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA322345] (ACOT11 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)