

## Product datasheet for **TA322344**

### ACOT11 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal kidney and fetal lung 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 <sub>3</sub> , 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:	68 kDa
Gene Name:	acyl-CoA thioesterase 11
Database Link:	<a href="#">NP_056362</a> <a href="#">Entrez Gene 329910 Mouse</a> <a href="#">Entrez Gene 26027 Human</a> <a href="#">Q8WXI4</a>



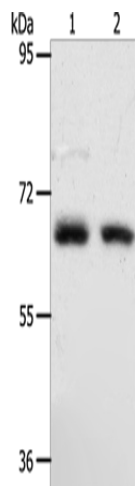
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**Background:**

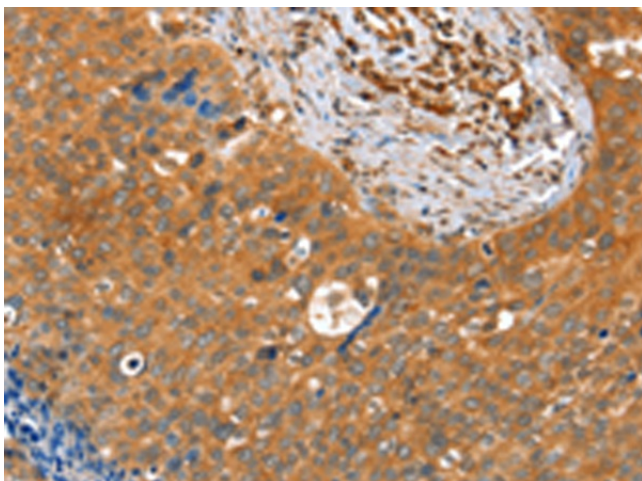
This gene encodes a member of the acyl-CoA thioesterase family which catalyse the conversion of activated fatty acids to the corresponding non-esterified fatty acid and coenzyme A. Expression of a mouse homolog in brown adipose tissue is induced by low temperatures and repressed by warm temperatures. 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:**

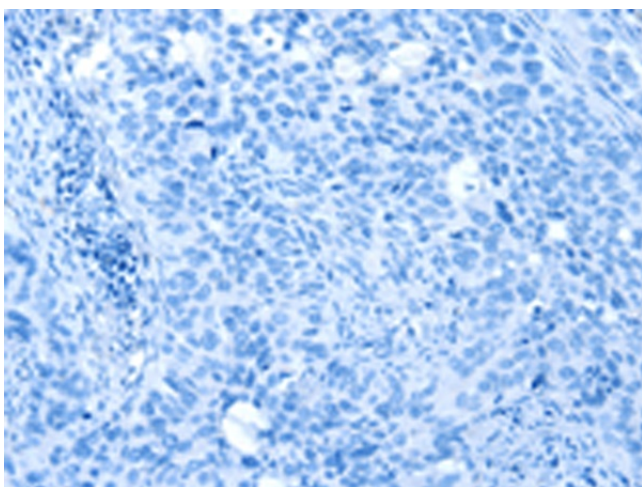
BFIT; STARD14; THEA; THEM1

**Product images:**

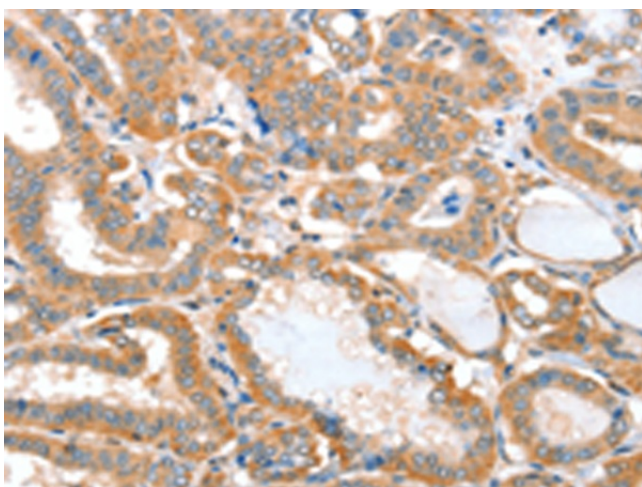
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: Human fetal kidney tissue  
Human fetal lung tissue  
Primary antibody: TA322344 (ACOT11 Antibody)  
at dilution 1/450  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 90 seconds



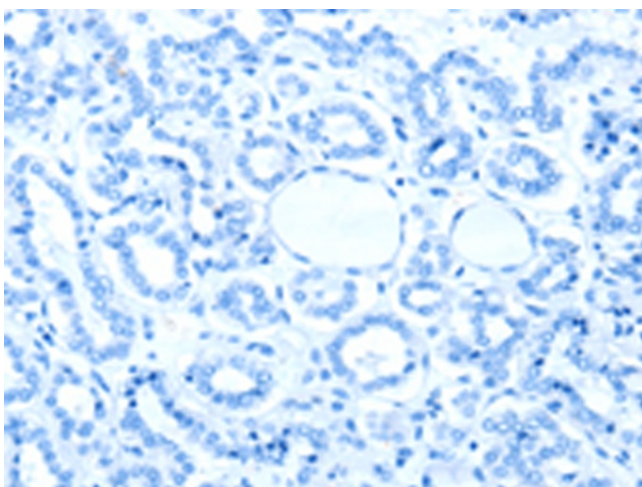
Immunohistochemistry of paraffin-embedded  
Human cervical cancer tissue using TA322344  
(ACOT11 Antibody) at dilution 1/25 (Original  
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322344 (ACOT11 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322344 (ACOT11 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322344 (ACOT11 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)