

## Product datasheet for **TA322602S**

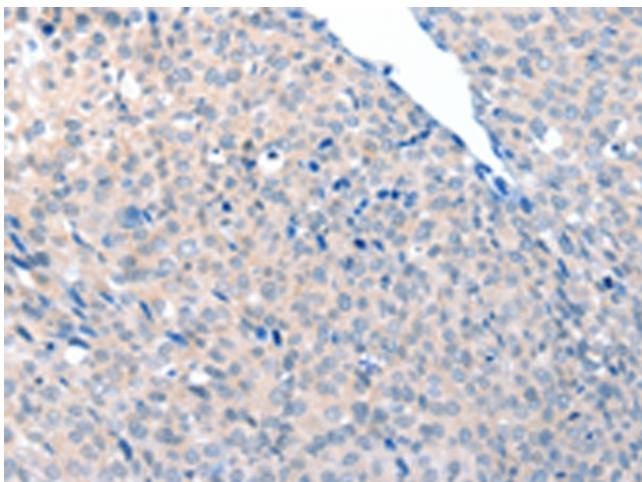
### Acyl coenzyme A Thioesterase 8 (ACOT8) Rabbit Polyclonal Antibody

#### Product data:

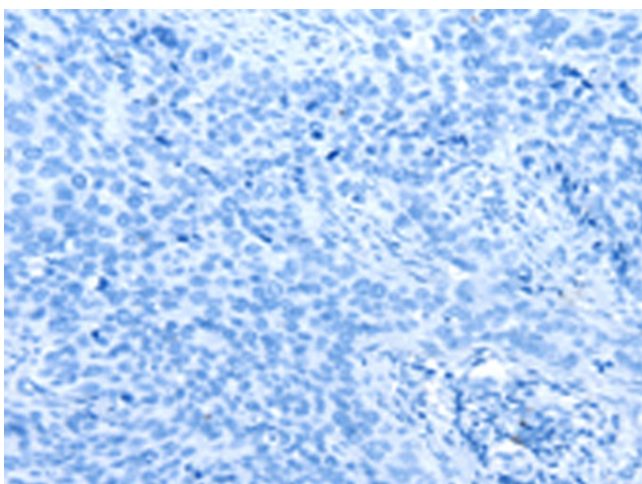
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	acyl-CoA thioesterase 8
Database Link:	<a href="#">NP_005460</a> <a href="#">Entrez Gene 170588 Rat</a> <a href="#">Entrez Gene 170789 Mouse</a> <a href="#">Entrez Gene 10005 Human</a> <a href="#">O14734</a>
Background:	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. 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. May mediate Nef-induced down-regulation of CD4. Major thioesterase in peroxisomes.
Synonyms:	hACTE-III; HNAACTE; hTE; NAP1; PTE-1; PTE-2; PTE1; PTE2



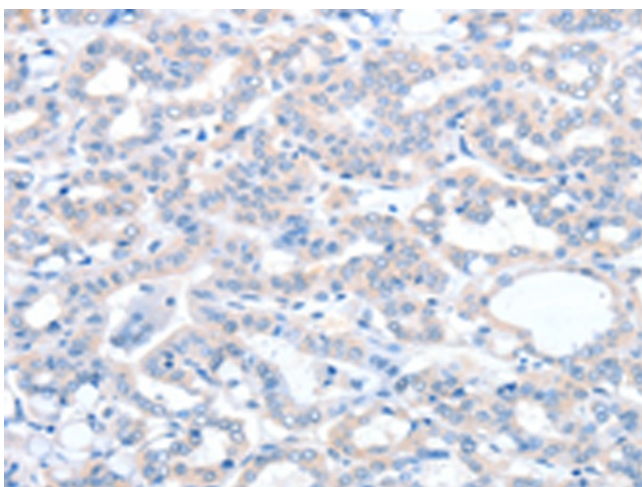
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**Product images:**

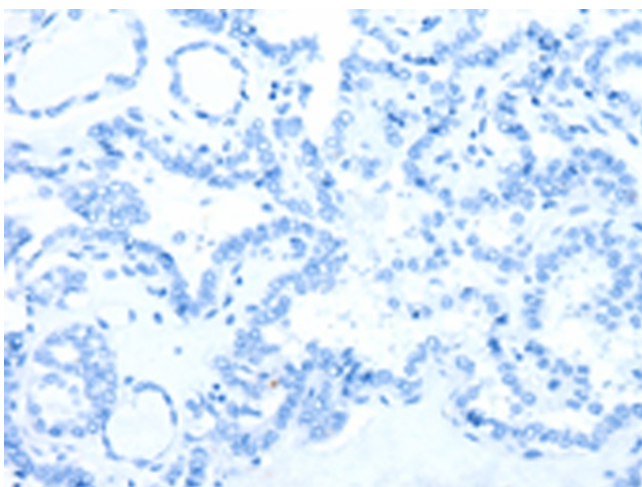
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322602] (ACOT8 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322602] (ACOT8 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA322602] (ACOT8 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA322602] (ACOT8 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )