

## Product datasheet for **TA322379**

### ACAD8 Rabbit Polyclonal Antibody

#### Product data:

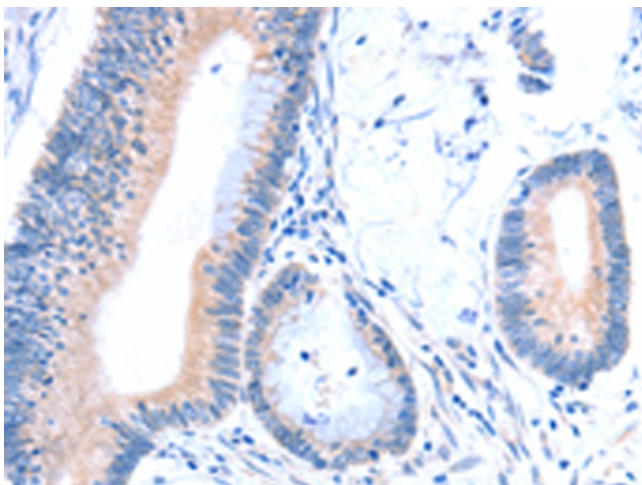
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human acyl-CoA dehydrogenase family, member 8
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.
Gene Name:	acyl-CoA dehydrogenase family member 8
Database Link:	<a href="#">NP_055199</a> <a href="#">Entrez Gene 66948 Mouse</a> <a href="#">Entrez Gene 27034 Human</a> <a href="#">Q9UKU7</a>
Background:	This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes that catalyze the dehydrogenation of acyl-CoA derivatives in the metabolism of fatty acids or branch chained amino acids. The encoded protein is a mitochondrial enzyme that functions in catabolism of the branched-chain amino acid valine. Defects in this gene are the cause of isobutyryl-CoA dehydrogenase deficiency.
Synonyms:	ACAD-8; ARC42
Protein Families:	Transcription Factors



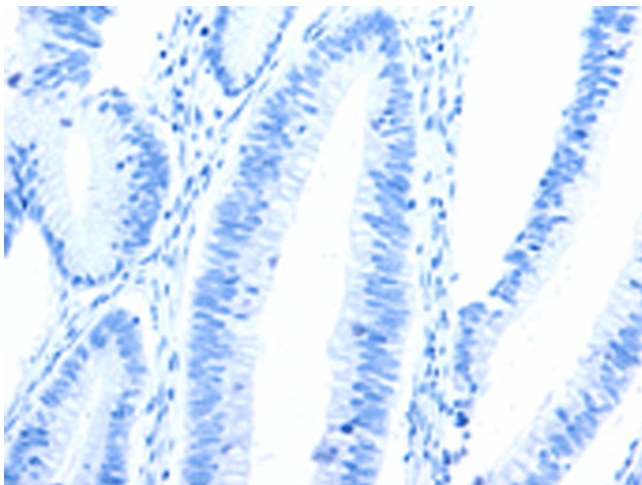
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Protein Pathways: Metabolic pathways, Valine, leucine and isoleucine degradation

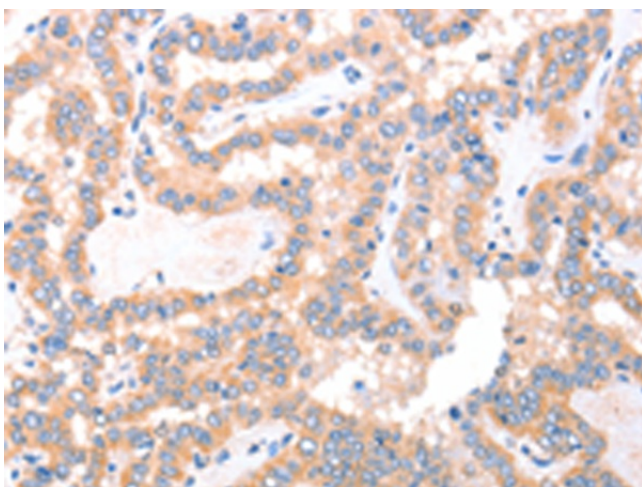
**Product images:**



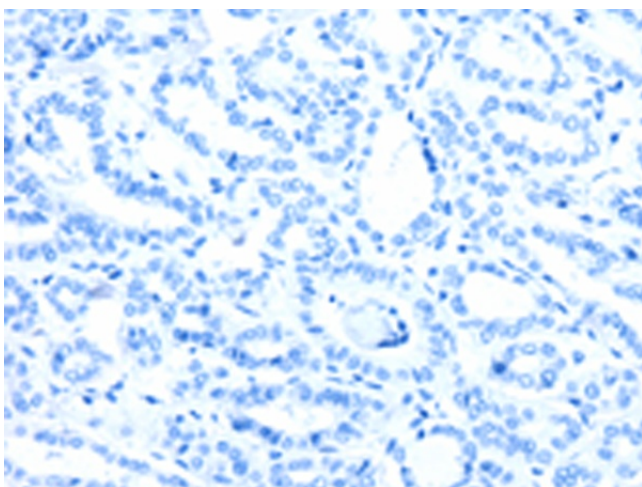
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322379 (ACAD8 Antibody) at dilution 1/15 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322379 (ACAD8 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322379 (ACAD8 Antibody) at dilution 1/15 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322379 (ACAD8 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification:  $\times 200$ )