

## ACSM5 Antibody

Catalog No: #36025

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

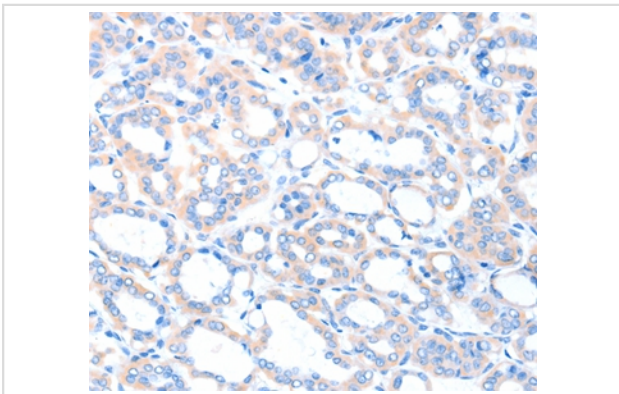
## Description

Product Name	ACSM5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACSM5 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	ACSM5
Other Names	mitochondrial;FLJ20581; MACS3
Accession No.	Swiss-Prot#: Q6NUN0NCBI Gene ID: 54988Gene Accssion: BC016703
Uniprot	Q6NUN0
GeneID	54988;
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

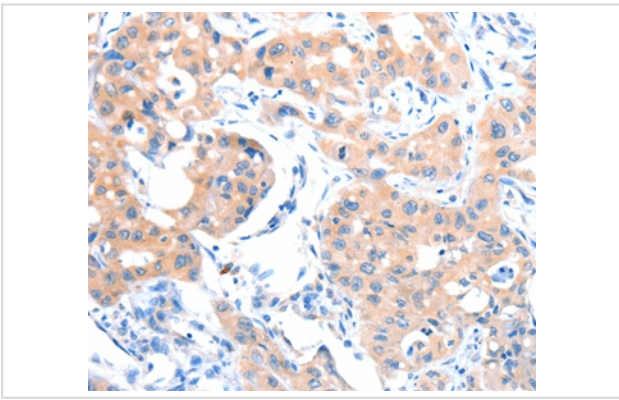
## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36025 at dilution 1/35.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #36025 at dilution 1/35.

## Background

Fatty acids are incorporated into membranes and signaling molecules and have roles in energy storage and metabolism. These essential functions require activation of the fatty acid by acyl-coenzyme A (CoA) synthetases, such as ACSM5, which form an activating thioester linkage between the fatty acid and CoA. Has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). Acts on acids from C4 to C11 and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids (in vitro).

Note: This product is for in vitro research use only