

## POMK Antibody

Catalog No: #42921

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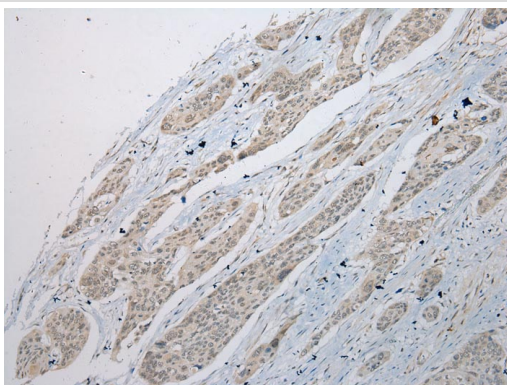
## Description

Product Name	POMK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total POMK protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human POMK
Target Name	POMK
Other Names	SGK196; MDDGA12; MDDGC12
Accession No.	Swiss-Prot#: Q9H5K3 Gene ID: 84197
Uniprot	Q9H5K3
GeneID	84197;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

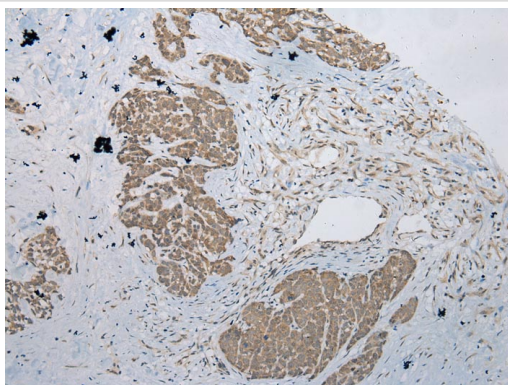
## Application Details

Immunohistochemistry: 1:100-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human Esophagus tissue using #42921 at dilution 1/200,



Immunohistochemical analysis of paraffin-embedded Human Thyroid tissue using #42921 at dilution 1/200,

## Background

This gene encodes a protein that may be involved in the presentation of the laminin-binding O-linked carbohydrate chain of alpha-dystroglycan (α-DG), which forms transmembrane linkages between the extracellular matrix and the exoskeleton. Some pathogens use this O-linked carbohydrate unit for host entry. Loss of function compound heterozygous mutations in this gene were found in a human patient affected by the Walker-Warburg syndrome (WWS) phenotype. Mice lacking this gene contain misplaced neurons (heterotopia) in some regions of the brain, possibly from defects in neuronal migration. Alternative splicing of this gene results in multiple transcript variants.?

Note: This product is for in vitro research use only