

MCM3AP Antibody

Catalog No: #36495

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

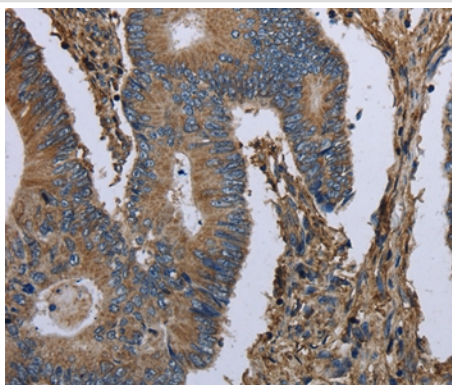
Description

Product Name	MCM3AP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MCM3AP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human minichromosome maintenance complex component 3 associated protein
Target Name	MCM3AP
Other Names	GANP; SAC3; MAP80
Accession No.	Swiss-Prot#: O60318NCBI Gene ID: 8888Gene Accssion: BC104958
Uniprot	O60318
GeneID	8888;
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

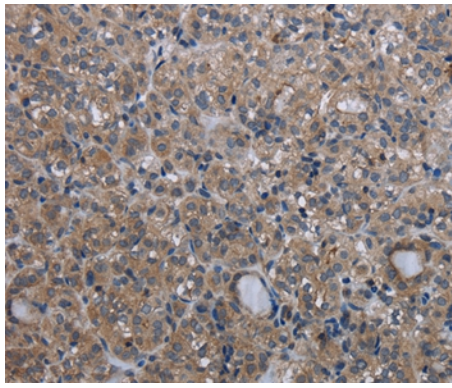
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36495 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36495 at dilution 1/30.

Background

The minichromosome maintenance protein 3 (MCM3) is one of the MCM proteins essential for the initiation of DNA replication. The protein encoded by this gene is a MCM3 binding protein. It was reported to have phosphorylation-dependent DNA-primase activity, which was up-regulated in antigen immunization induced germinal center. This protein was demonstrated to be an acetyltransferase that acetylates MCM3 and plays a role in DNA replication. The mutagenesis of a nuclear localization signal of MCM3 affects the binding of this protein with MCM3, suggesting that this protein may also facilitate MCM3 nuclear localization. This gene is expressed in the brain or in neuronal tissue. An allelic variant encoding amino acid Lys at 915, instead of conserved Glu, has been identified in patients with mild intellectual disability.?

Note: This product is for in vitro research use only