

FAM107A Antibody

Catalog No: #36461

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

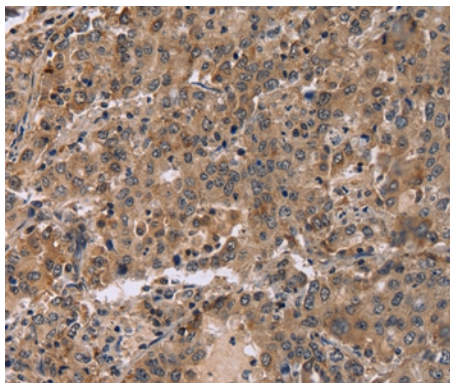
Description

Product Name	FAM107A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FAM107A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	FAM107A
Other Names	DRR1; TU3A
Accession No.	Swiss-Prot#: O95990NCBI Gene ID: 11170Gene Accsson: BC010561
Uniprot	O95990
GeneID	11170;
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

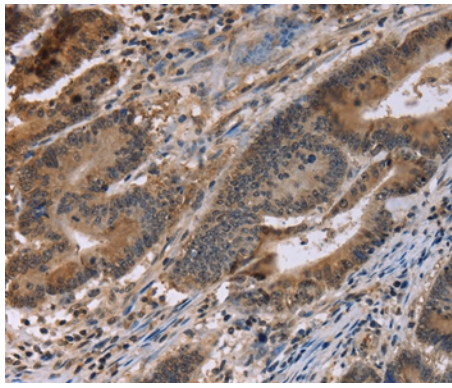
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36461 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36461 at dilution 1/30.

Background

FAM107B is a 131 amino acid protein that is encoded by a gene that maps to human chromosome 10, which contains over 800 genes and 135 million nucleotides, making up nearly 4.5% of the human genome. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome. The chromosome 10 encoded gene ERCC6 is important for DNA repair and is linked to Cockayne syndrome which is characterized by extreme photosensitivity and premature aging.

Tetrahydrobiopterin deficiency and a number of syndromes involving defective skull and facial bone fusion are also linked to chromosome 10. As with most trisomies, trisomy 10 is rare and is deleterious.

Note: This product is for in vitro research use only