UBAP2L Antibody

Catalog No: #42800

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

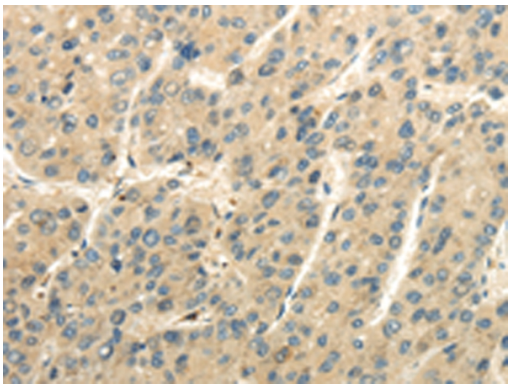
Description

Product Name	UBAP2L Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total UBAP2L protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human UBAP2L
Target Name	UBAP2L
Other Names	NICE-4
Accession No.	Swiss-Prot#: Q14157Gene ID: 9898
Uniprot	Q14157
GeneID	9898;
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

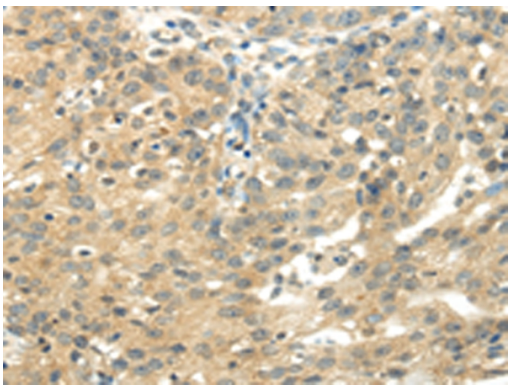
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42800 at dilution 1/25.



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #42800 at dilution 1/25.

Background

UBAP2L, also known as NICE4, is a protein that is ubiquitously expressed. Phosphorylated upon DNA damage, NICE4 contains one UBA domain and is expressed as 4 isoforms produced by alternative splicing events. The gene that encodes NICE4 maps to human chromosome 1. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1.

Note: This product is for in vitro research use only