

## C17orf67 Antibody

Catalog No: #46364

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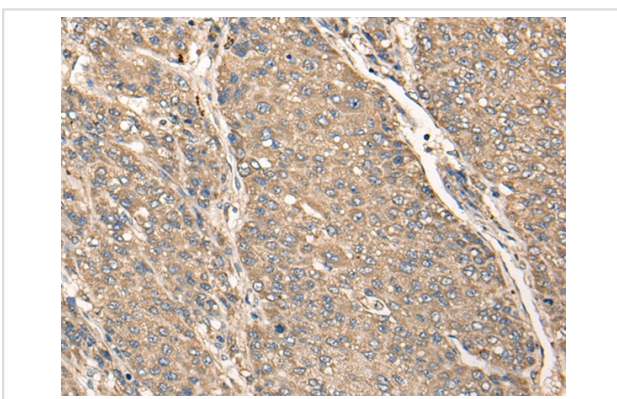
## Description

Product Name	C17orf67 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total C17orf67 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to internal residues of human C17orf67
Target Name	C17orf67
Accession No.	Swiss-Prot:Q0P5P2NCBI Gene ID:339210NCBI Protein:BC093905
Uniprot	Q0P5P2
GeneID	339210;
Concentration	1.2mg/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: 40-200

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46364(C17orf67 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)

## Background

C17orf67 (chromosome 17 open reading frame 67) is a 114 amino acid protein that is encoded by a gene mapping to human chromosome 17. Chromosome 17 makes up over 2.5% of the human genome with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, specifically it is recognized as a genetic determinant of early onset breast

cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

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Note: This product is for in vitro research use only