

EFCAB5 Antibody

Catalog No: #47093

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

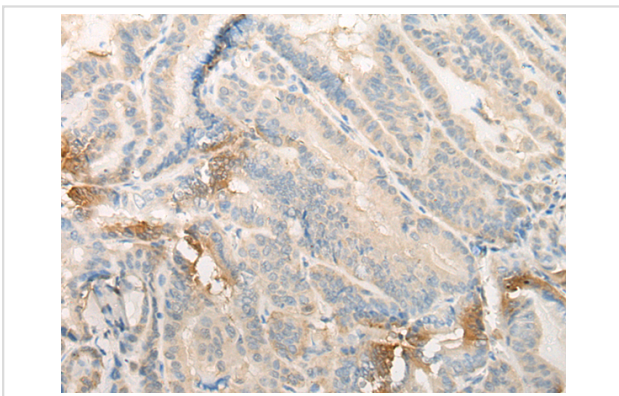
Description

Product Name	EFCAB5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EFCAB5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human EFCAB5
Target Name	EFCAB5
Accession No.	Swiss-Prot#:A4FU69 NCBI Gene ID:374786Gene Accssion:NP_940931
Uniprot	A4FU69
GeneID	374786;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20C

Application Details

Immunofluorescence:1: 25-100

Images



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47093(EFCAB5 Antibody) at dilution 1/20. (Original magnification: ?00)

Background

EF-CAB5(EF-hand calcium-binding domain-containing protein 5) is a 1,503 amino acid protein containing one EF-hand domain. Existing as four alternatively spliced isoforms, the gene encoding EF-CAB5 maps to human chromosome 17q11.2. 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 LiFraumeni 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. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

Note: This product is for in vitro research use only