CCDC112 Antibody

Catalog No: #46416

Orders: order@signalwayantibody.com
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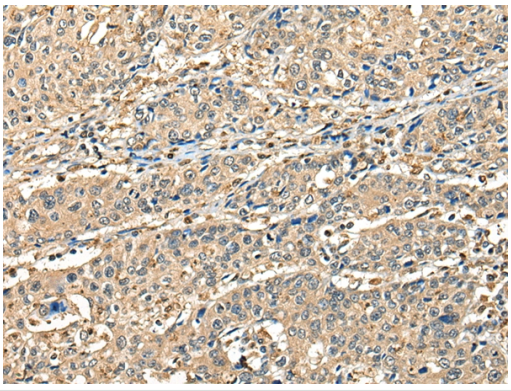
Description

Product Name	CCDC112 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CCDC112 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human CCDC112
Target Name	CCDC112
Other Names	MBC1
Accession No.	Swiss-Prot:Q8NEF3NCBI Gene ID:153733NCBI Protein:BC031242
Uniprot	Q8NEF3
GeneID	153733;
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

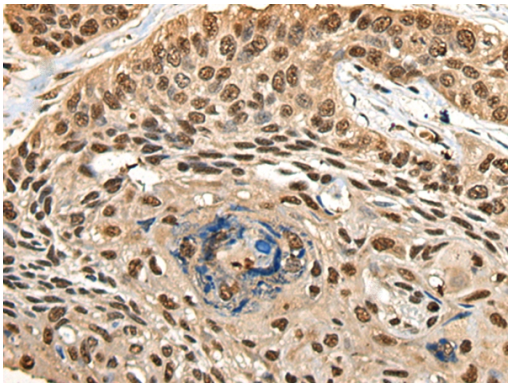
Application Details

Immunohistochemistry: 1: 40-200

Images



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 46416(CCDC112 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46416(CCDC112 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: x200)

Background

CCDC112 (coiled-coil domain containing 112), also known as MBC1 (mutated in bladder cancer 1), is a 446 amino acid protein. The gene encoding CCDC112 is located on chromosome 5. Due to alternative splicing events, CCDC112 exists as two isoforms. Chromosome 5 comprises about 6% of human genomic DNA and contains 181 million base pairs encoding around 1,000 genes. It is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Note: This product is for in vitro research use only