C12orf40 Antibody

Catalog No: #46361

Orders: order@signalwayantibody.com
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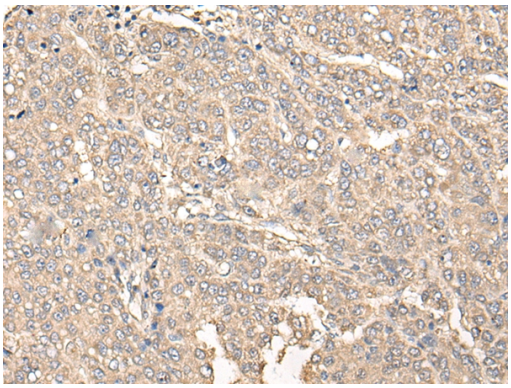
Description

Product Name	C12orf40 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total C12orf40 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human C12orf40
Target Name	C12orf40
Other Names	HEL-206; HEL-S-94
Accession No.	Swiss-Prot:Q86WS4NCBI Gene ID:283461NCBI Protein:BC048120
Uniprot	Q86WS4
GeneID	283461;
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

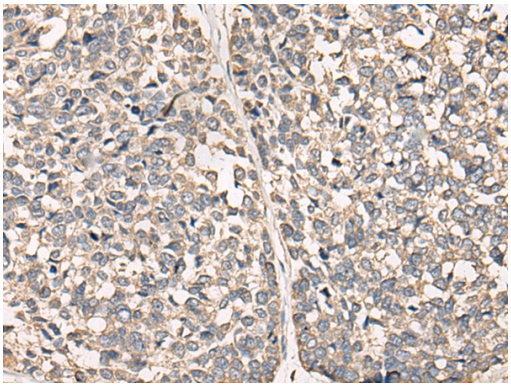
Application Details

Immunohistochemistry: 1: 40-200

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46361(C12orf40 Antibody) at dilution 1/50, 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 46361(C12orf40 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)

Background

Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5% of the human genome. A number of skeletal deformities are linked to chromosome 12 including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Trisomy 12p leads to facial development defects, seizure disorders and a host of other symptoms varying in severity depending on the extent of mosaicism and is most severe in cases of complete trisomy. The C12orf40 gene product has been provisionally designated C12orf40 pending further characterization.

Note: This product is for in vitro research use only