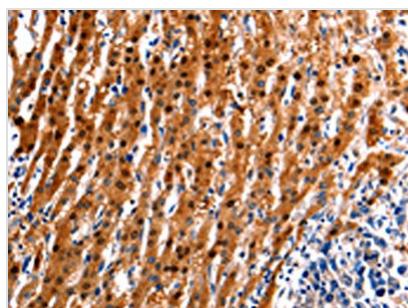


ID4 Antibody

Product Code	CSB-PA620355
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P47928
Immunogen	Synthetic peptide of Human ID4
Raised In	Rabbit
Species Reactivity	Human,Mouse
Tested Applications	ELISA,IHC;ELISA:1:1000-1:5000,IHC:1:20-1:100
Relevance	DNA-binding protein inhibitor ID-4 is a protein that in humans is encoded by the ID4 gene. Transcription factors containing a basic helix-loop-helix (bHLH) motif regulate expression of tissue-specific genes in a number of mammalian and insect systems. DNA-binding activity of the bHLH proteins is dependent on formation of homo- and/or heterodimers. Dominant-negative (antimorph) HLH proteins encoded by Id-related genes, such as ID4, also contain the HLH-dimerization domain but lack the DNA-binding basic domain. Consequently, Id proteins inhibit binding to DNA and transcriptional transactivation by heterodimerization with bHLH proteins .
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	ID4

Image


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using CSB-PA620355(ID4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)