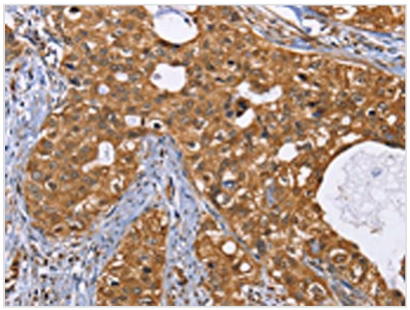
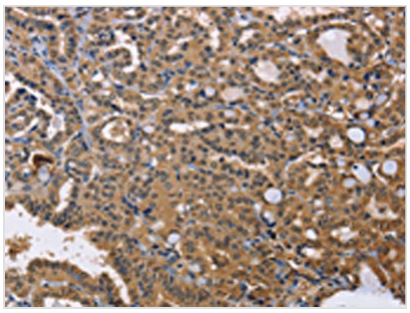
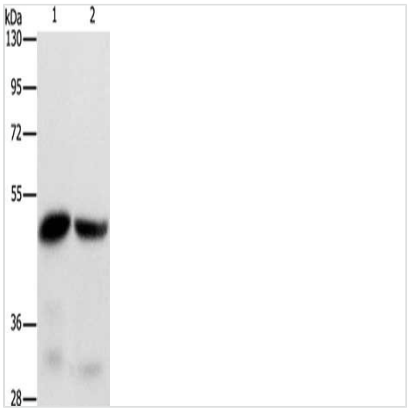
IDH1 Antibody

Product Code	CSB-PA964946
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O75874
Immunogen	Fusion protein of Human IDH1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:2000-1:5000,WB:1:200-1:1000,IHC:1:25-1:100
Relevance	Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. Each NADP(+)-dependent isozyme is a homodimer. The protein encoded by this gene is the NADP(+)-dependent isocitrate dehydrogenase found in the cytoplasm and peroxisomes. It contains the PTS-1 peroxisomal targeting signal sequence.
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	IDH1
Image	 The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CSB-PA964946(IDH1 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA964946(IDH1 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)



Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane 1-2: Mouse intestinum tenue tissue, Mouse liver tissue, Primary antibody: CSB-PA964946(IDH1 Antibody) at dilution 1/275, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second