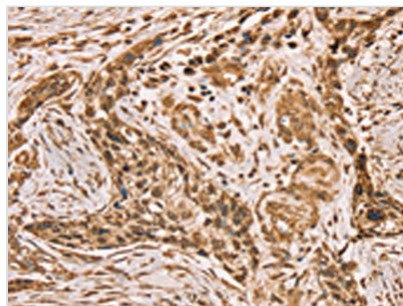




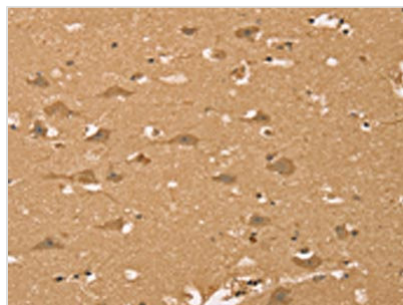
HIF1AN Antibody

Product Code	CSB-PA959614
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NWT6
Immunogen	Synthetic peptide of Human HIF1AN
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC; ELISA: 1:2000-1:10000, WB: 1:500-1:2000, IHC: 1:50-1:300
Relevance	Factor inhibiting HIF-1 (FIH-1) exists as a homodimer and binds to HIF-1alpha. Specifically, FIH-1 operates as an asparaginyl hydroxylase. It catalyzes the hydroxylation of the beta-carbon of Asparagine residue 803 within the carboxy terminal transactivation domain of HIF-1alpha. This hydroxylation event blocks the association of HIF-1alpha with co-activators. FIH-1 also binds to von Hippel-Lindau (VHL) tumor suppressor protein, which represses transcriptional activity of HIF-1alpha. In transiently transfected human osteosarcoma cells, FIH-1 localizes to the cytoplasm.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	HIF1AN

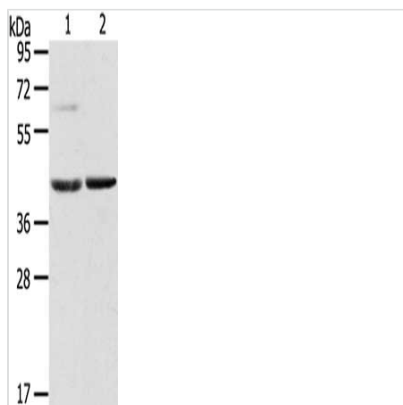
Image



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CSB-PA959614(HIF1AN Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CSB-PA959614(HIF1AN Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Gel: 8%SDS-PAGE, Lysate: 60 μ g, Lane 1-2: Mouse brain tissue, Mouse liver tissue, Primary antibody: CSB-PA959614(HIF1AN Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds