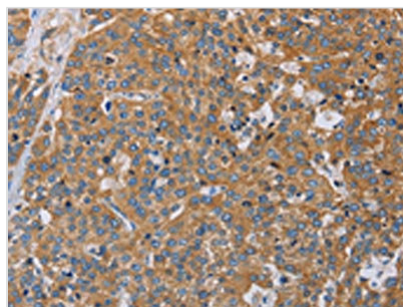


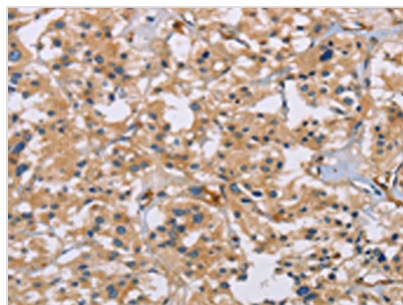
ACTN4 Antibody

Product Code	CSB-PA070925
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O43707
Immunogen	Fusion protein of Human ACTN4
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:2000-1:5000,WB:1:500-1:2000,IHC:1:50-1:200
Relevance	Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, alpha actinin isoform which is concentrated in the cytoplasm, and thought to be involved in metastatic processes.
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	ACTN4

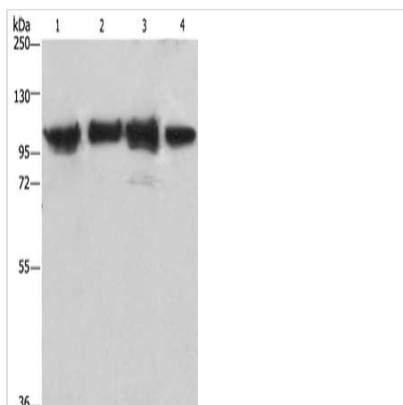
Image



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CSB-PA070925(ACTN4 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: X200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA070925(ACTN4 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: X200)



Gel: 6%SDS-PAGE, Lysate: 40μg, Lane 1-4: Lovo cells, mouse kidney tissue, 231 cells, hepG2 cells, Primary antibody: CSB-PA070925(ACTN4 Antibody) at dilution 1/485, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds