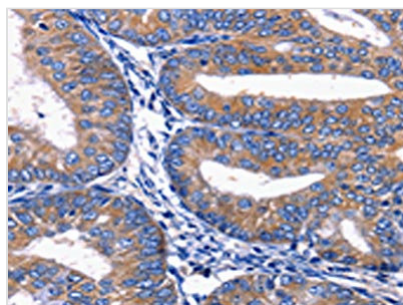




PLEKHO1 Antibody

Product Code	CSB-PA105837
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q53GL0
Immunogen	Synthetic peptide of Human PLEKHO1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,IHC;ELISA:1:1000-1:5000,IHC:1:25-1:100
Relevance	Pleckstrin homology domain-containing family O member 1 is a protein that in humans is encoded by the PLEKHO1 gene.PLEKHO1 has been shown to interact with Casein kinase 2, alpha 1 and SMURF1.It plays a role in the regulation of the actin cytoskeleton through its interactions with actin capping protein (CP). Appears to target ATM to the plasma membrane,and also inhibit tumor cell growth by inhibiting AKT-mediated cell-survival. The protein implicated in PI3K-regulated muscle differentiation, the regulation of AP-1 activity (plasma membrane bound AP-1 regulator that translocates to the nucleus) and the promotion of apoptosis induced by tumor necrosis factor TNF. When bound to PKB, it inhibits it probably by decreasing PKB level of phosphorylation.
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	PLEKHO1

Image



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CSB-PA105837(PLEKHO1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)