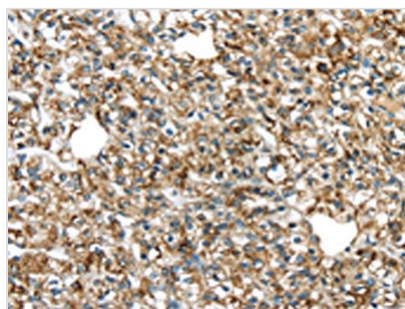




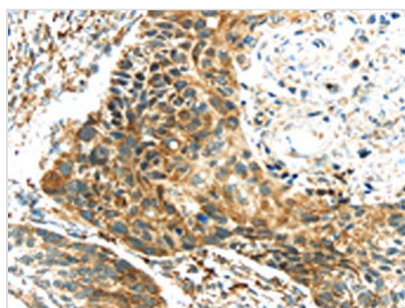
TGM4 Antibody

Product Code	CSB-PA038312
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P49221
Immunogen	Fusion protein of Human TGM4
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA,WB,IHC;ELISA:1:2000-1:5000,WB:1:500-1:2000,IHC:1:25-1:100
Relevance	Transglutaminase 4 also known as TGM4, TGP or hTGP, is a typical TGase that is specifically expressed in prostate tissue. TGM4 are intercellularly localizing, Ca ²⁺ -dependent enzymes, which catalyze the formation of isopeptide bonds by transferring an amine on to glutamyl residues, thereby cross-linking glutamine residues and lysine residues in substrate proteins. TGases influence numerous biological processes including blood coagulation, epidermal differentiation, seminal fluid coagulation, fertilization, cell differentiation and apoptosis.
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	TGM4

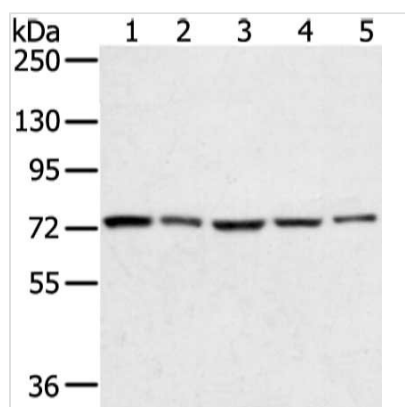
Image



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CSB-PA038312(TGM4 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CSB-PA038312(TGM4 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)



Gel: 6%SDS-PAGE, Lysate: 40 μ g, Lane 1-5: Hela, Incap, skov3, 293T and TM4 cell, Primary antibody: CSB-PA038312(TGM4 Antibody) at dilution 1/400 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds