



TGM4 rabbit pAb

Cat No.:ES10070

For research use only

Overview

Product Name	TGM4 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	TGM4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Protein-glutamine gamma-glutamyltransferase 4 (EC 2.3.2.13) (Fibrinolygase) (Prostate transglutaminase) (Prostate-specific transglutaminase) (Transglutaminase P) (TG(P)) (TGP) (TGase P) (Transglutamin
Gene Name	TGM4
Cellular localization	cytoplasm,Golgi apparatus,integral component of membrane,extracellular matrix,extracellular exosome,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	75kD
Human Gene ID	7047
Human Swiss-Prot Number	P49221
Alternative Names	
Background	catalytic activity:Protein glutamine + alkylamine = protein N(5)-alkylglutamine + NH(3).,cofactor: Binds 1 calcium ion per subunit.,function:Associated with



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the mammalian reproductive process. Catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.,similarity:Belongs to the transglutaminase superfamily. Transglutaminase family.,subunit:Homodimer.,tissue specificity:Prostate.,