Anti-BGH3 antibody

Description	Unconjugated Rabbit polyclonal to BGH3

Model	STJ192325
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human BGH3 protein.
Immunogen Region	230-310aa
Gene ID	7045
Gene Symbol	TGFBI
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	BGH3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in the corneal epithelium . Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas .
Purification	BGH3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transforming growth factor-beta-induced protein ig-h3 Beta ig-h3 Kerato-epithelin RGD-containing collagen-associated protein RGD-CAP
Molecular Weight	75 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11771OMIM:121820
Alternative Names	Transforming growth factor-beta-induced protein ig-h3 Beta ig-h3 Kerato-epithelin RGD-containing collagen-associated protein RGD-CAP
Function	Plays a role in cell adhesion . May play a role in cell-collagen interactions .
Cellular Localization	Secreted Secreted, extracellular space, extracellular matrix. May be associated both with microfibrils and with the cell surface .
Post-translational Modifications	Gamma-carboxylation is controversial. Gamma-carboxyglutamated; gamma-carboxyglutamate residues are formed by vitamin K dependent carboxylation; these residues may be required for binding to calcium . According to a more recent report, does not contain vitamin K-dependent gamma-carboxyglutamate residues . The EMI domain contains 2 expected intradomain disulfide bridges (Cys-49-Cys85 and Cys-84-Cys-97) and one unusual interdomain disulfide bridge to the second FAS1 domain (Cys-74-Cys-339). This arrangement violates the predicted disulfide bridge pattern of an EMI domain.