PGS1 Rabbit Polyclonal Antibody

ES11314

Source	Rabbit	**Storage**	-20°C, Avoid freeze / thaw cycles
Reactivity	H,M,R	**Concentration**	1mg/mL
Clonality	Polyclonal	**Applications**	WB, ELISA, IHC

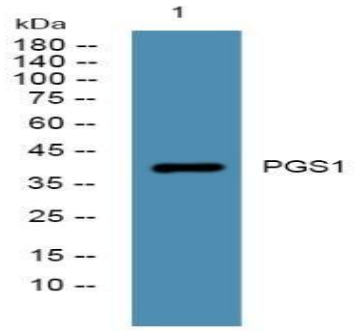
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Buffer	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Specificity	Synthesized peptide derived from human protein at AA range: 110-190
Dilution	WB 1:500-2000; ELISA 1:5000-20000
Observed Band	40kDa
Alternative Names	BGN SLRR1A
Human Gene ID	633
Human Swiss-Port Number	P21810

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Image



Background

Biglycan (BGN) Homo sapiens This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein, which plays a role in bone growth, muscle development and regeneration, and collagen fibril assembly in multiple tissues. This protein may also regulate inflammation and innate immunity. Additionally, the encoded protein may contribute to atherosclerosis and aortic valve stenosis in human patients. This gene and the related gene decorin are thought to be the result of a gene duplication.

Research Use

For research use only, not for use in diagnostic procedures

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.