

Product Datasheet

PGGT1B Antibody (5E4) - Azide and BSA Free H00005229-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 2/21/2025 v.20.1

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H00005229-M02

PGGT1B Antibody (5E4) - Azide and BSA Free

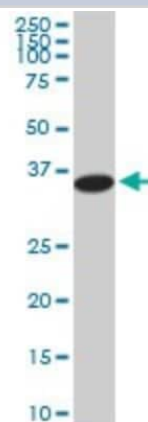
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5E4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5229
Gene Symbol	PGGT1B
Species	Human, Mouse, Rat
Specificity/Sensitivity	PGGT1B - protein geranylgeranyltransferase type I, beta subunit
Immunogen	PGGT1B (NP_005014, 1 a.a. ~ 105 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MVATEDERLAGSGEGERLDFLRDRHVRFFQRCQLQVLPERYSSLETSRLTIAFFA LSGLDMLDSLDDVNVKDDIIEWIYSLQVLPTEDRSNLNRGFRGSSYLGIPF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

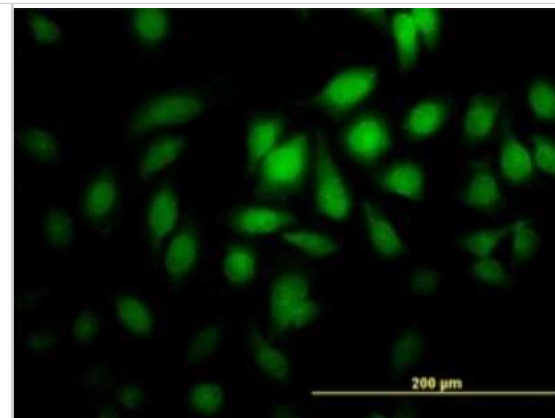
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

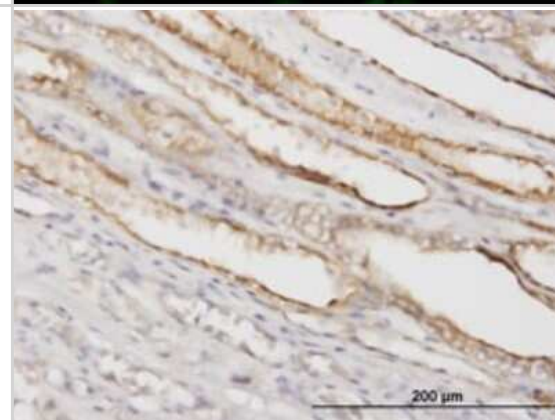
Western Blot: PGGT1B Antibody (5E4) [H00005229-M02] - PGGT1B monoclonal antibody (M02), clone 5E4. Analysis of PGGT1B expression in PC-12.



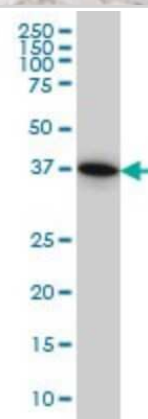
Immunocytochemistry/Immunofluorescence: PGGT1B Antibody (5E4) [H00005229-M02] - Analysis of monoclonal antibody to PGGT1B on HeLa cell. Antibody concentration 10 ug/ml.



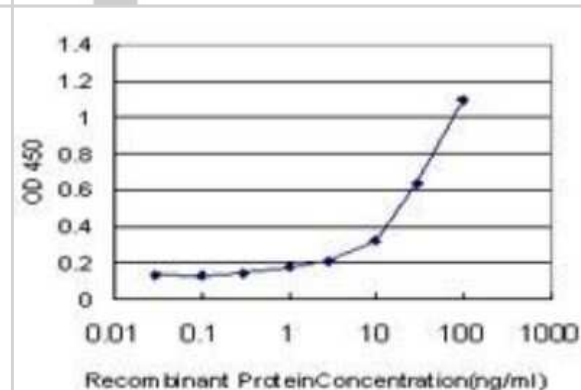
Immunohistochemistry-Paraffin: PGGT1B Antibody (5E4) [H00005229-M02] - Analysis of monoclonal antibody to PGGT1B on formalin-fixed paraffin-embedded human kidney. Antibody concentration 1.2 ug/ml.



Western Blot: PGGT1B Antibody (5E4) [H00005229-M02] - PGGT1B monoclonal antibody (M02), clone 5E4 Analysis of PGGT1B expression in HeLa.



ELISA: PGGT1B Antibody (5E4) [H00005229-M02] - PGGT1B Antibody (5E4) [H00005229-M02] - Detection limit for recombinant GST tagged PGGT1B is approximately 1ng/ml as a capture antibody.



Publications

Kuchay S, Wang H, Marzio A et al. GGTase3 is a newly identified geranylgeranyltransferase targeting a ubiquitin ligase. Nat Struct Mol Biol. 2019-06-17 [PMID: 31209342]

Lee R, Chang SY, Trinh H et al. Genetic studies on the functional relevance of the protein prenyltransferases in skin keratinocytes. Hum Mol Genet 19(8):1603-17. 2010-04-15 [PMID: 20106865]



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Products Related to H00005229-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00005229-Q01-10ug	Recombinant Human PGGT1B GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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