

Product Datasheet

Proprotein Convertase 1/PCSK1 Antibody (3D2) - Azide and BSA Free H00005122-M02

Unit Size: 0.1 mg

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

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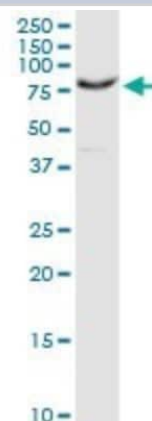
H00005122-M02**Proprotein Convertase 1/PCSK1 Antibody (3D2) - Azide and BSA Free**

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	3D2
Preservative	No Preservative
Isotype	IgG3 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	5122
Gene Symbol	PCSK1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	PCSK1 (3D2)
Immunogen	PCSK1 (NP_000430, 652 a.a. ~ 753 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GGRRDELEEGAPSEAMLRLLQSAFSKNSPPKQSPKKSPTAKLNIPYENFYEAL EKLNKPSQLKDESDSLYNDYVDV FYNTKPYKHRDDRLQLALVDILNEEN
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, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Sandwich ELISA 1:100-1:2000
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 23251699).

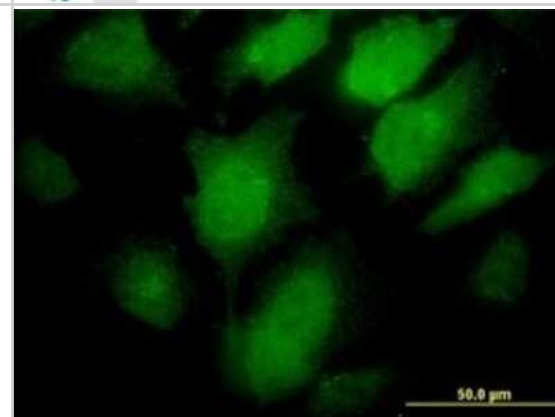


Images

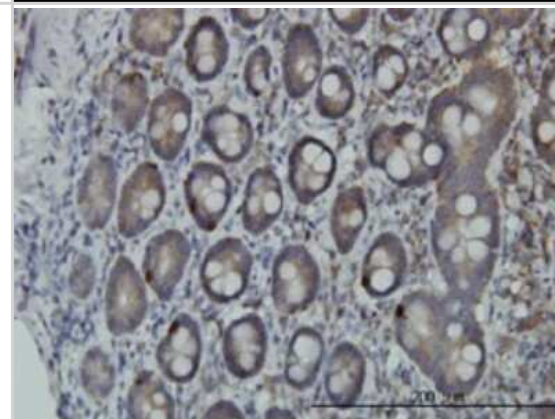
Western Blot: Proprotein Convertase 1/PCSK1 Antibody (3D2)
[H00005122-M02] - PCSK1 monoclonal antibody (M02), clone 3D2.
Analysis of PCSK1 expression in Raw 264.7.



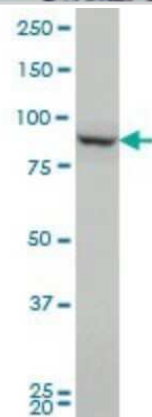
Immunocytochemistry/Immunofluorescence: Proprotein Convertase 1/PCSK1 Antibody (3D2) [H00005122-M02] - Analysis of monoclonal antibody to PCSK1 on HeLa cell. Antibody concentration 30 ug/ml.



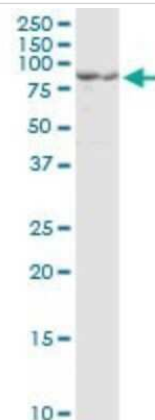
Immunohistochemistry-Paraffin: Proprotein Convertase 1/PCSK1 Antibody (3D2) [H00005122-M02] - Analysis of monoclonal antibody to PCSK1 on formalin-fixed paraffin-embedded human small Intestine. Antibody concentration 3 ug/ml.



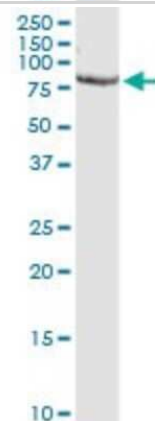
Western Blot: Proprotein Convertase 1/PCSK1 Antibody (3D2)
[H00005122-M02] - PCSK1 monoclonal antibody (M02), clone 3D2
Analysis of PCSK1 expression in HeLa.



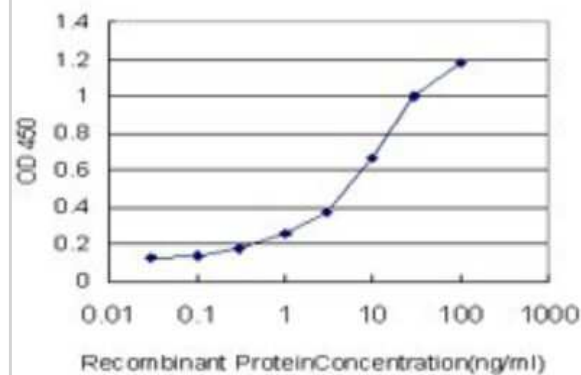
Western Blot: Proprotein Convertase 1/PCSK1 Antibody (3D2)
[H00005122-M02] - PCSK1 monoclonal antibody (M02), clone 3D2.
Analysis of PCSK1 expression in PC-12.



Western Blot: Proprotein Convertase 1/PCSK1 Antibody (3D2)
[H00005122-M02] - PCSK1 monoclonal antibody (M02), clone 3D2.
Analysis of PCSK1 expression in NIH/3T3.



Sandwich ELISA: Proprotein Convertase 1/PCSK1 Antibody (3D2)
[H00005122-M02] - Detection limit for recombinant GST tagged PCSK1
is approximately 0.03ng/ml as a capture antibody.



Publications

van der Meulen T, Xie R, Kelly OG et al. Urocortin 3 marks mature human primary and embryonic stem cell-derived pancreatic alpha and Beta cells PLoS One 2012-01-01 [PMID: 23251699] (ICC/IF, IF/IHC, Human)



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Products Related to H00005122-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP3-17642PEP	Proprotein Convertase 1/PCSK1 Recombinant Protein Antigen

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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