

Product datasheet for **AM31061PU-N**

PC1/3 (PCSK1) (652-754) Mouse Monoclonal Antibody [Clone ID: 3D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3D2
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Immunofluorescence: 30 µg/ml. Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot: 1/500 - 1/1000.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	PCSK1 antibody was raised against against PCSK1 (NP_000430, 652 a.a. ~ 754 a.a) partial recombinant protein with GST tag.
Specificity:	This antibody reognizes PCSK1.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	proprotein convertase subtilisin/kexin type 1
Database Link:	Entrez Gene 25204 Rat Entrez Gene 5122 Human P29120
Background:	PCSK1 is a Serine S8 type protease.

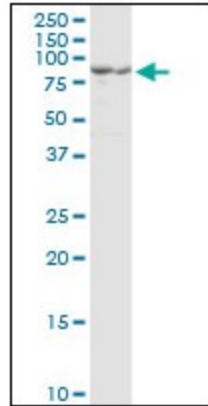


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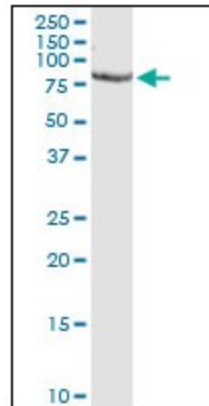
Synonyms: PCSK1, Prohormone convertase 1, Prohormone convertase 3, Proprotein convertase 1, NEC1, NEC 1, Neuroendocrine convertase 1, BMIQ12

Protein Families: Druggable Genome, Protease, Secreted Protein

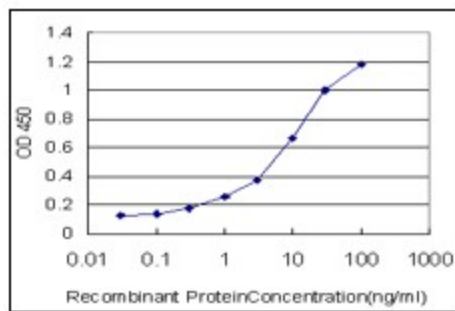
Product images:



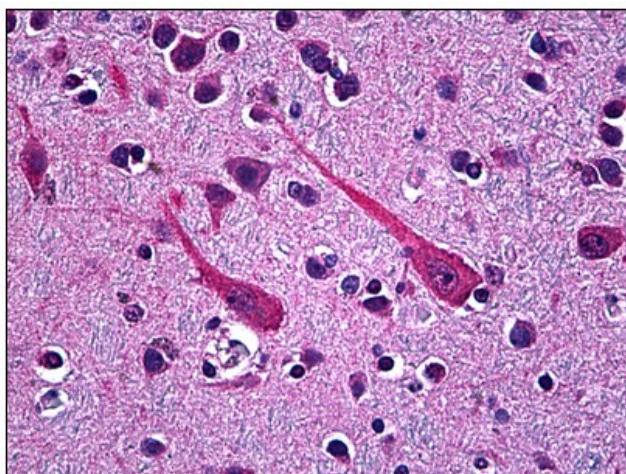
PCSK1 monoclonal antibody clone 3D2. Western Blot analysis of PCSK1 expression in PC-12.



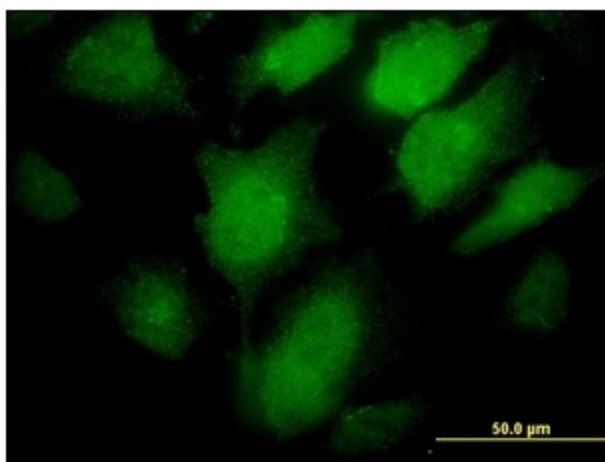
PCSK1 monoclonal antibody clone 3D2. Western Blot analysis of PCSK1 expression in NIH/3T3.



Detection limit for recombinant GST tagged PCSK1 is approximately 0.03ng/ml as a capture antibody.



Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to PCSK1 on HeLa cell. [antibody concentration 30 ug/ml]