

Product Datasheet

PACE4/PCSK6 Antibody **NBP1-05030**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-05030**PACE4/PCSK6 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

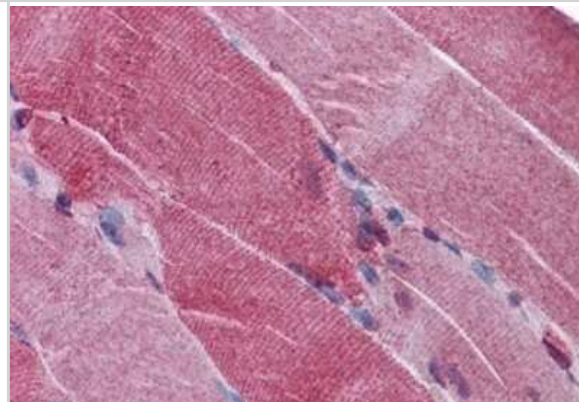
Product Description	
Host	Goat
Gene ID	5046
Gene Symbol	PCSK6
Species	Human
Reactivity Notes	Expected from sequence similarity: Mouse and Rat
Specificity/Sensitivity	This antibody is expected to recognize reported isoforms a, b, g, h (NP_002561.1; NP_612192.1; NP_612193.1; NP_612194.1 resp.).
Immunogen	Peptide with sequence PDCEPGTYFDSE corresponding to internal region according to NP_612192.1, NP_612195.1, NP_612197.1, NP_612196.1, NP_612198.2, NP_612193.1, NP_612194.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	Western blot: Preliminary experiments gave an approx. 70kDa band in Human, Mouse and Rat Liver lysates after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated sizes of 105 to 107kDa according to NP_002561.1, NP_612192.1, NP_612193.1 and NP_612194.1. The 70kDa band was successfully blocked by incubation with the immunizing peptide. IHC: Paraffin embedded Human Testis and Skeletal Muscle.

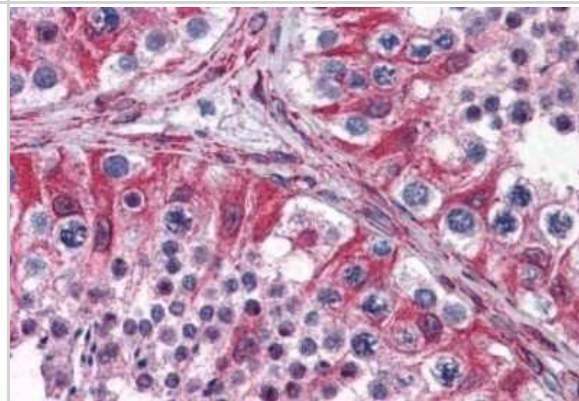


Images

Immunohistochemistry-Paraffin: PACE4 Antibody [NBP1-05030] - (3.75ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: PACE4 Antibody [NBP1-05030] - (3.75ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Su X, Li S, Zhang Y et al. Overexpression of Corin Ameliorates Kidney Fibrosis through Inhibition of Wnt/ β -Catenin Signaling in Mice The American journal of pathology 2023-10-10 [PMID: 37827215] (WB, IHC, Mouse)

Details:

1:100 dilution IHC, 1:500 WB

Jin W, Wang X, Millar JS et al. Hepatic proprotein convertases modulate HDL metabolism Cell Metab 2007-08-01 [PMID: 17681148]



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Products Related to NBP1-05030

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00005046-Q01-10ug	Recombinant Human PACE4/PCSK6 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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