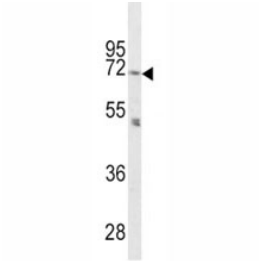
PCSK2 Antibody (F50578)

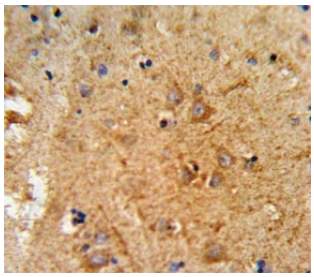
Catalog No.	Formulation	Size
F50578-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50578-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

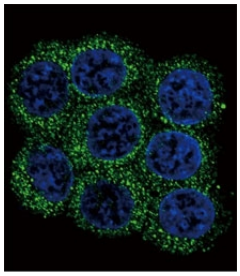
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat, Pig
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P16519
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This PCSK2 antibody is available for research use only.



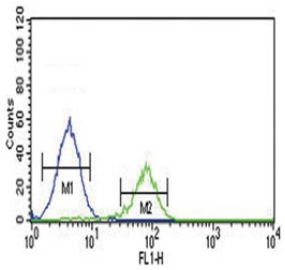
Western blot analysis of PCSK2 antibody and mouse cerebellum tissue lysate



IHC analysis of FFPE human brain tissue stained with PCSK2 antibody



Confocal immunofluorescent analysis of PCSK2 antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).



PCSK2 antibody flow cytometric analysis of K562 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

PCSK2 belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This protein is a proinsulin-processing enzyme that plays a key role in regulating insulin biosynthesis. The protein is also known to cleave proopiomelanocortin, proenkephalin, prodynorphin and proluteinizing-hormone-releasing hormone.

Application Notes

Titration of the PCSK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 87-116 from the human protein was used as the immunogen for this PCSK2 antibody.

Storage

Aliquot the PCSK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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