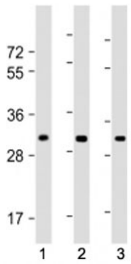
CH25H Antibody (N-Terminal Region) (F54079)

Catalog No.	Formulation	Size
F54079-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54079-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O95992
Applications	WB: 1:1000-1:2000
Limitations	This CH25H antibody is available for research use only.



Western blot testing of CH25H antibody at 1:1000: Lane 1) human brain lysate, 2) mouse heart lysate and 3) mouse lung lysate. Predicted molecular weight ~32 kDa.

Description

Catalyzes the formation of 25-hydroxycholesterol from cholesterol, leading to repress cholesterol biosynthetic enzymes. May play an important role in regulating lipid metabolism by synthesizing a corepressor that blocks sterol regulatory element binding protein (SREBP) processing. In testis, production of 25- hydroxycholesterol by macrophages may play a role in Leydig cell differentiation. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the CH25H antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 47-76 from human CH25H was used as the immunogen for the CH25H antibody.

Storage

Aliquot the CH25H antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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