

PACO20847

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, IHC:1:20-1:100

Protein Background:

Cell surface protein involved in the host-parasite interaction during candidal infection. With MP65, represents a major component of the biofilm matrix. Sequesters zinc from host tissue and mediates leukocyte adhesion and migration. As a surface protein, binds the two human complement regulators CFH and CFHR1, as well as plasminogen PLG, mediates complement evasion and extra-cellular matrix interaction and/or degradation. As a released protein, enhances complement control in direct vicinity of the yeast and thus generates an additional protective layer which controls host complement attack, assisting the fungus in escaping host surveillance. Binds to host fluid-phase C3 and blocks cleavage of C3 to C3a and C3b, leading to inhibition of complement activation. Mediates also human complement control and complement evasion through binding to C4BPA, another human complement inhibitor, as well as through binding to host integrin alpha-M/beta-2. Decreases complement-mediated adhesion, as well as uptake of *C. albicans* by human macrophages.

Gene ID:

VAMP1

Uniprot

P23763

Synonyms:

vesicle-associated membrane protein 1 (synaptobrevin 1)

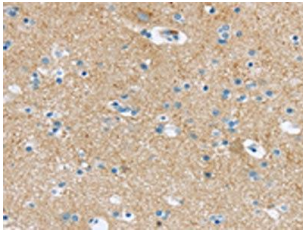
Immunogen:

Synthetic peptide of human VAMP1.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO20847(VAMP1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).