

VILIP2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1562a**Specification**

VILIP2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9UM19](#)

VILIP2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51440

Other Names

Hippocalcin-like protein 4, HLP4, HPCAL4

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1562a](/product/products/AP1562a) was selected from the C-term region of human VILIP2 . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

VILIP2 Antibody (C-term) Blocking Peptide - Protein Information

Name HPCAL4

Function

May be involved in the calcium-dependent regulation of rhodopsin phosphorylation.

VILIP2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

VILIP2 Antibody (C-term) Blocking Peptide - Images**VILIP2 Antibody (C-term) Blocking Peptide - Background**

The visinin and visinin-like peptides represent a family of calcium-binding proteins that are highly expressed in the retina. Visinin has been shown to be a cone cell-specific protein with a molecular weight of 24 kD. Several members of the visinin family of genes have been isolated and characterized from different species. These peptides are believed to be involved in the processes of phototransduction.