

GSAP Blocking Peptide

Catalog # PBV10128b

Specification

GSAP Blocking Peptide - Product Information

Primary Accession
Gene ID
Calculated MW
A4D1B5
54103
97802

GSAP Blocking Peptide - Additional Information

Gene ID 54103

Application & Usage The peptide is used for blocking the

antibody activity of GSAP antibody. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Gamma-secretase-activating protein, GSAP, Protein pigeon homolog, Gamma-secretase-activating protein 16 kDa C-terminal form, GSAP-16K, GSAP, PION

Target/Specificity

GSAP

Formulation

 $50~\mu g$ (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

GSAP Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

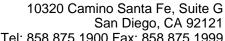
GSAP Blocking Peptide - Protein Information

Name GSAP

Synonyms PION

Function

Regulator of gamma-secretase activity, which specifically activates the production of amyloid-beta



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protein (amyloid-beta protein 40 and amyloid-beta protein 42), without affecting the cleavage of other gamma-secretase targets such has Notch. The gamma-secretase complex is an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (amyloid-beta precursor protein). Specifically promotes the gamma- cleavage of APP CTF-alpha (also named APP-CTF) by the gamma-secretase complex to generate amyloid-beta, while it reduces the epsilon-cleavage of APP CTF-alpha, leading to a low production of AICD.

Cellular Location Golgi apparatus, trans-Golgi network

Tissue Location Widely expressed..

GSAP Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

GSAP Blocking Peptide - Images