

GSAP Blocking Peptide
Catalog # PBV10128b**Specification**

GSAP Blocking Peptide - Product Information

Primary Accession	A4D1B5
Gene ID	54103
Calculated MW	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 µg (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

protein (amyloid-beta protein 40 and amyloid-beta protein 42), without affecting the cleavage of other gamma-secretase targets such as 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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GSAP Blocking Peptide - Images