

Rabbit anti-Human PION Polyclonal Antibody | anti-GSAP antibody

PION Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285504	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

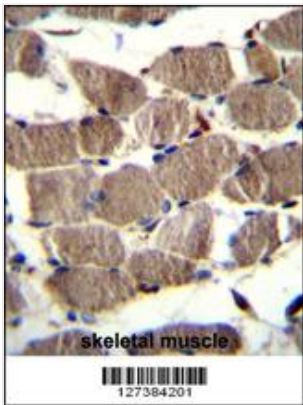
PRODUCT SYNONYMS

PION; Polyclonal Antibody; PION Antibody (C-term); Gamma-secretase-activating protein; GSAP; Protein pigeon homolog; Gamma-secretase-activating protein 16 kDa C-terminal form; GSAP-16K; anti-GSAP antibody

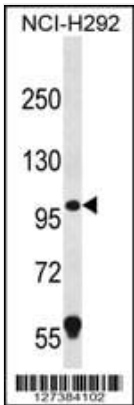
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PION antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 537-565 amino acids from the C-terminal region of human PION.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	537-565
Sequence Length	248
Applicable Applications for anti-GSAP antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PION Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PION Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PION Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the PION antibody detected the PION protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GSAP antibody	Accumulation of neurotoxic amyloid-beta is a major hallmark of Alzheimer disease (AD; MIM 104300). Formation of amyloid-beta is catalyzed by gamma-secretase (see PSEN1; MIM 104311), a protease with numerous substrates. PION, or GSAP, selectively increases amyloid-beta production through a mechanism involving its interaction with both gamma-secretase and its substrate, the amyloid-beta precursor protein (APP; MIM 104760) C-terminal fragment (APP-CTF) (He et al., 2010 [PubMed 20811458]).
References	He, G., et al. Nature 467(7311):95-98(2010) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148612805
NCBI GeneID	54103
NCBI Accession #	NP_059135.2
NCBI GenBank Nucleotide #	NM_017439.3
UniProt Accession #	A4D1B5; Q3MJC0; Q8ND73; Q9UMH3; Q9Y4L9; A4D1B6
Molecular Weight	97802
NCBI Official Full Name	gamma-secretase-activating protein
NCBI Official Synonym Full Names	gamma-secretase activating protein
NCBI Official Symbol	GSAP
NCBI Official Synonym Symbols	PION
NCBI Protein Information	gamma-secretase-activating protein
UniProt Protein Name	Gamma-secretase-activating protein
UniProt Gene Name	GSAP
UniProt Synonym Gene Names	PION; GSAP; GSAP-16K

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pion-antibody-immunohistochemistry-western-blot-elisa/285504>