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Phospho-GFAP(S8) Antibody Blocking peptide

Synthetic peptide
Catalog # BP3562a

Specification

Phospho-GFAP(S8) Antibody Blocking peptide - Product Information

Primary Accession	P14136
Other Accession	NP_002046

Phospho-GFAP(S8) Antibody Blocking peptide - Additional Information

Gene ID 2670

Other Names
Glial fibrillary acidic protein, GFAP, GFAP

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP3562a was selected from the region of human Phospho-GFAP-pS8. 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.

Phospho-GFAP(S8) Antibody Blocking peptide - Protein Information

Name GFAP

Function
GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

Cellular Location
Cytoplasm. Note=Associated with intermediate filaments

Tissue Location
Expressed in cells lacking fibronectin.

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Phospho-GFAP(S8) Antibody Blocking peptide - Protocols

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

- Blocking Peptides

Phospho-GFAP(S8) Antibody Blocking peptide - Images

Phospho-GFAP(S8) Antibody Blocking peptide - Background

GFAP is one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system.

Phospho-GFAP(S8) Antibody Blocking peptide - References

Quintanar, J.L., et al., Parasitol. Res. 90(4):261-263 (2003).Shiroma, N., et al., Brain Dev. 25(2):116-121 (2003).Nielsen, A.L., et al., J. Biol. Chem. 277(33):29983-29991 (2002).Namekawa, M., et al., Ann. Neurol. 52(6):779-785 (2002).Lopez-Egido, J., et al., Exp. Cell Res. 278(2):175-183 (2002).