

Phospho-GFAP(S8) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3562a

Product Information

Application	DB, E
Primary Accession	P14136
Other Accession	NP_002046
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB15197

Additional Information

Other Names	Glial fibrillary acidic protein, GFAP, GFAP
Target/Specificity	This GFAP Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S8 of human GFAP.
Dilution	DB~1:500 E~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Phospho-GFAP(S8) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

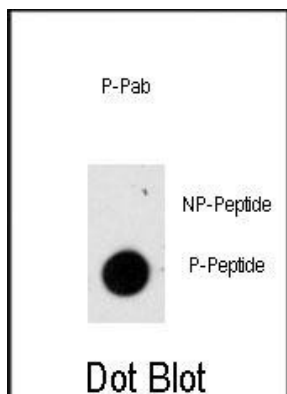
Background

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.

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).

Images



Dot blot analysis of anti-Phospho-GFAP-S8 Antibody (Cat.#AP3562a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

Citations

- [Analysis of Chaperone-Mediated Autophagy.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.