

Rabbit Polyclonal Antibody to Cow Glial Fibrillary Acidic Protein (GFAP)

Catalog No.:	RP 014, RP 014-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
Immunogen:	Glial fibrillary protein isolated from cow spinal cord.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against GFAP containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:250 using a polymer detection system such as the DBS PolyVue System. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody reacts with human GFAP as well as GFAP from cat, chicken, cow, guinea pig, hamster, monkey, rat, mouse, sheep, and kangaroo. In the central nervous system this antibody stains astrocytes and some groups of ependymal cells. In the peripheral nervous system it stains Schwann cells, satellite cells, and enteric glial cells.
Positive Control:	Brain
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Viale et al. Arch A Pathol Anat 418: 339, 1991.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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