



Rabbit Anti-Human GFAP monoclonal antibody, clone TQ89 (CABT-L1889)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rabbit, Rat
Target	GFAP
Immunogen	Synthetic peptide corresponding to C-terminus of human GFAP protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ89
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	51-52 kDa
Cellular Localization	Cytoplasm
Positive Control	Astrocytoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide

Storage

2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Glial fibrillary acidic protein (GFAP) is a member of the class III intermediate filament protein family. It is heavily, and specifically, expressed in astrocytes and certain other astroglia in the central nervous system, in satellite cells in peripheral ganglia, and in non myelinating Schwann cells in peripheral nerves. In addition, neural stem cells frequently strongly express GFAP. Antibodies to GFAP are therefore very useful as markers of astrocytic cells. In addition, many types of brain tumors presumably derived from astrocytic cells, heavily express GFAP. GFAP is also found in the lens epithelium, Kupffer cells of the liver, in some cells in salivary tumors and has been reported in erythrocytes.

Keywords

GFAP;glial fibrillary acidic protein

GENE INFORMATION

Entrez Gene ID

[2670](#)

UniProt ID

[P14136](#)
