Product **Datasheet**

Anti-GFAP Rabbit pAb

WL0836

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GFAP Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IH	1:50-1:500
	IF	1:50-1:200
Cellular localization	Secreted and Cell membrane	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Glial fibrillary acidic protein, or GFAP, is an intermediate filament (IF) protein belonging to the type III subclass of IF proteins. Like other IF proteins, GFAP is composed of an amino-terminal head domain, a central rod domain and a carboxy-terminal tail domain. GFAP and vimentin form intermediate filaments in astroglial cells and modulate their motility and shape. In particular, vimentin filaments are present at early developmental stages, while GFAP filaments are characteristic of differentiated and mature brain astrocytes. Thus, GFAP is commonly used as a marker for intracranial and intraspinal tumors arising from astrocytes.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GFAP.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

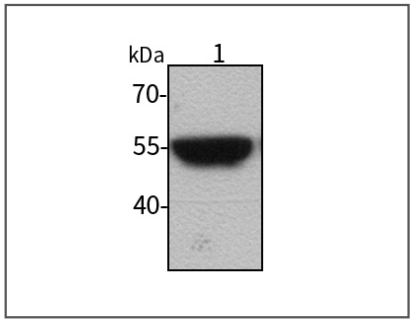
Product **Datasheet**

Anti-GFAP Rabbit pAb

WL0836

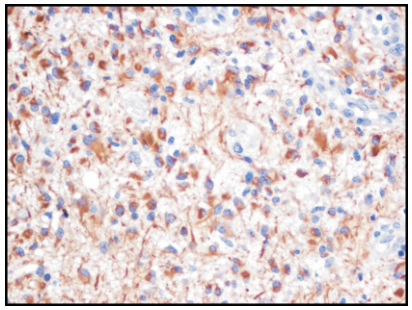
For Research Use Only.Not For Use In Diagnostic Procedures

Product Images



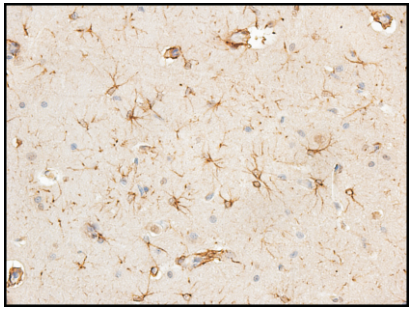
Western blot-Anti-GFAP pAb

Lane 1: Rat brain tissue lysate
All lanes: Anti-GFAP at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 50 kDa
Observed band size: 50 kDa



Immunohistochemistry-Anti-GFAP pAb

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti-GFAP Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-GFAP pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-GFAP Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

Wanleibio Co.,Ltd. *400-602-0407* *sales@wanleibio.com* *www.wanleibio.com*

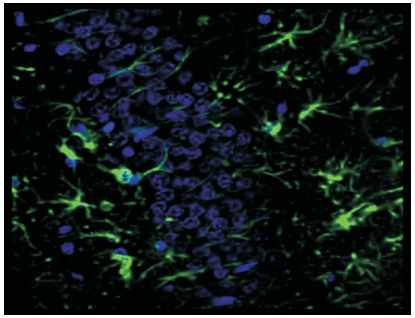
Product **Datasheet**

Anti-GFAP Rabbit pAb

WL0836

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-GFAP pAb

Immunofluorescence analysis of paraffin-embedded rat brain using anti-GFAP Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0