

GFAP polyclonal antibody

Catalog: BS6460

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes 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. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P14136

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IHC,1:50 - 1:200|IF/ICC,1:50 - 1:200

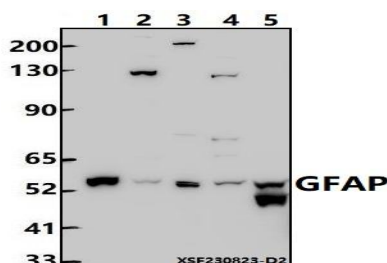
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Polyclonal Antibodies

DATA:



Western blot (WB) analysis of GFAP pAb at 1:1000 dilution

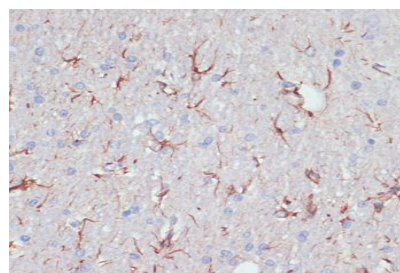
Lane1:U-87MG whole cell lysate(30ug)

Lane2:SHSY5Y whole cell lysate(30ug)

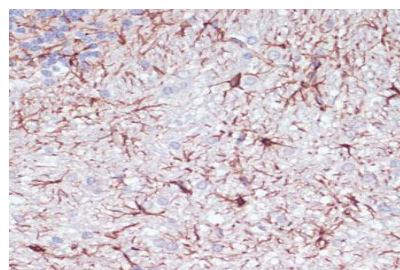
Lane3:EC9706 whole cell lysate(30ug)

Lane4:3T3-L1 whole cell lysate(30ug)

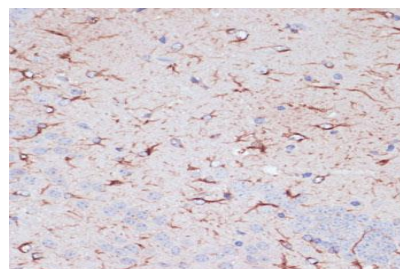
Lane5:C6 whole cell lysate(30ug)



Immunohistochemistry of paraffin-embedded rat brain using GFAP antibody at dilution of 1:200 .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat cerebellum using GFAP antibody at dilution of 1:100 .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse brain using GFAP antibody at dilution of 1:100 .Perform microwave antigen retrieval

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PRODUCT DATA SHEET

Bioworld Biotech Co., Ltd

with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Note:

For research use only, not for use in diagnostic procedure.

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