Anti-GFAP antibody (1-100) [S6MR] (STJ11101596)

STJ11101596

GENERAL INFORMATION

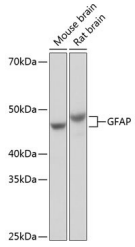
Product Type Primary antibodies
Short Description
Applications WB/IHC-P/IF/ICC/ELISA
Host/Source Rabbit
Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

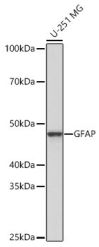
Clonality Monoclonal
Clone ID S6MR
Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB:1:1000-1:2000
IHC-P:1:200-1:2000
IF/ICC:1:200-1:2000
ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

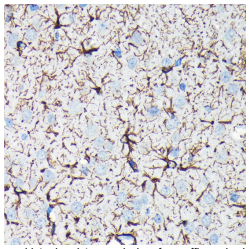
Gene ID 2670
Gene Symbol GFAP
Uniprot ID GFAP_HUMAN
Immunogen
Immunogen Region 1-100
Specificity A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GFAP (P14136).
Immunogen Sequence MERRRITSAARRSYVSSGEM MVGGLAPGRRLGPGTRLSLA RMPPPLPTRVDFSLAGALNA GFKETRASERAEMMELNDRF ASYIEKVRFLEQQNKALAAE



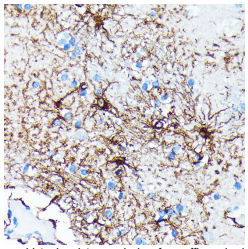
Western blot analysis of extracts of various cell lines, using GFAP antibody (STJ11101596) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of U-251MG cells, using GFAP antibody (STJ11101596) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded rat brain using GFAP rabbit monoclonal antibody (STJ11101596) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human brain using GFAP rabbit monoclonal antibody (STJ11101596) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.

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