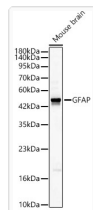
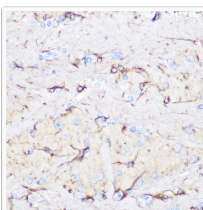


Anti-GFAP antibody (1-75) (STJ23770)

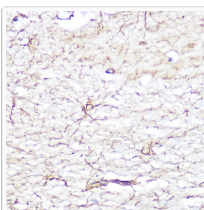
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 50kDa Observed Mw: 50kDa
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 Region	1-75
Immunogen Sequence	MERRRITSAARRSYVSSGEM MVGGLAPGRRLLPGTRLSLA RMPPPLPTRVDFSLAGALNA GFKETRASERAEMME
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-75 of human GFAP (NP_002046.1).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



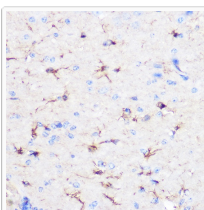
Western blot analysis of mouse brain, using GFAP rabbit polyclonal antibody (STJ23770) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



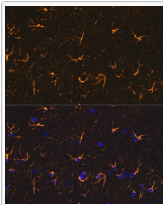
Immunohistochemistry analysis of paraffin-embedded rat brain using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



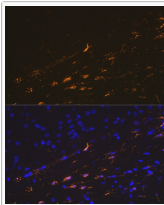
Immunohistochemistry analysis of paraffin-embedded human brain using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



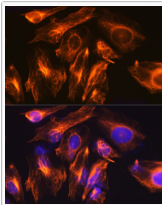
Immunohistochemistry analysis of paraffin-embedded mouse brain using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



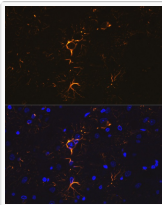
Immunofluorescence analysis of rat brain cells using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



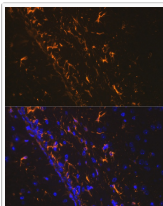
Immunofluorescence analysis of mouse brain cells using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-251MG cells using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain cells using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain cells using GFAP rabbit polyclonal antibody (STJ23770) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.