

RecomAb™

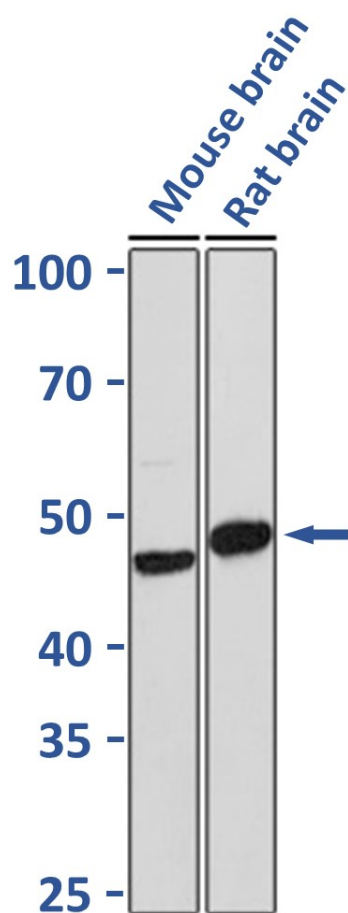
GFAP recombinant monoclonal antibody

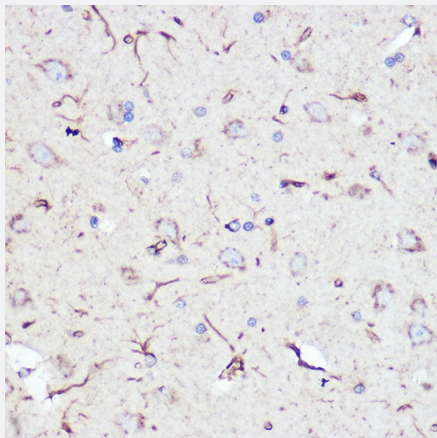
Catalog # RAB02392 Size 100 uL

Applications

Western Blot (Tissue lysate)

Western blot analysis of extracts of various cell lines, using GFAP recombinant monoclonal antibody (Cat # RAB02392) at 1:1000 dilution.





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of paraffin-embedded rat brain using GFAP recombinant monoclonal antibody (Cat # RAB02392) at dilution of 1:100. Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against recombinant GFAP.
Antibody Species	Rabbit
Theoretical MW (kDa)	50
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of GFAP and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000)
Storage Buffer	In PBS, pH 7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Immunocytochemistry

- Immunofluorescence

Gene Info — GFAP

Entrez GeneID [2670](#)

Protein Accession# [P14136](#)

Gene Name GFAP

Gene Alias FLJ45472

Gene Description glial fibrillary acidic protein

Omim ID [137780](#) [203450](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Disease

- [Alzheimer disease](#)

- [Cognition](#)