



Anti-GFAP (aa 131-230) polyclonal antibody (DPAB-DC1321)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	GFAP (AAH41765, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag. The sequence is TANSARLEVERDNLAQQLATVRQKLQDETNRLEAENNLAAYRQEADEATLARLDLERKI ESLEEEIRFLRKIHEEEVRELQEQLARQQVHVVELDVAKPD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GFAP glial fibrillary acidic protein [Homo sapiens (human)]
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Official Symbol	GFAP
Synonyms	GFAP; glial fibrillary acidic protein;
Entrez Gene ID	2670
Protein Refseq	NP_001124491
UniProt ID	P14136
Chromosome Location	17q21
Pathway	Neural Crest Differentiation; Signal Transduction; Spinal Cord Injury;
Function	integrin binding; kinase binding; structural constituent of cytoskeleton;
