



# 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

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

## GENE INFORMATION

**Gene Name** [GFAP glial fibrillary acidic protein \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	GFAP
<b>Synonyms</b>	GFAP; glial fibrillary acidic protein;
<b>Entrez Gene ID</b>	<a href="#">2670</a>
<b>Protein Refseq</b>	<a href="#">NP_001124491</a>
<b>UniProt ID</b>	<a href="#">P14136</a>
<b>Chromosome Location</b>	17q21
<b>Pathway</b>	Neural Crest Differentiation; Signal Transduction; Spinal Cord Injury;
<b>Function</b>	integrin binding; kinase binding; structural constituent of cytoskeleton;