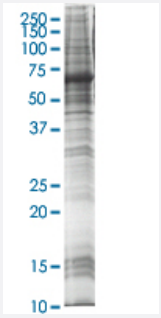
GFAP HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

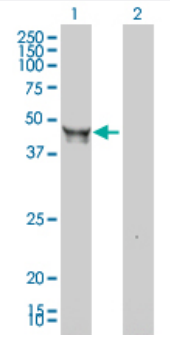
Catalog # L099T6 Size 100 ug

Applications



SDS-PAGE Gel

GFAP transfected lysate



Western Blot

Lane 1: GFAP transfected lysate (50 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-GFAP full length
Host	Human
Theoretical MW (kDa)	50
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0. 1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-GFAP antibody (H00002670-M01) by Western Blots. SDS-PAGE Gel GFAP transfected lysate Western Blot Lane 1: GFAP transfected lysate (50 KDa). Lane 2: Non-transfected lysate.
Recommend Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

  Protocol Download

Gene Info — GFAP

Entrez GeneID	2670
GeneBank Accession#	BC041765
Protein Accession#	AAH41765
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