

Anti-GFAP antibody (C-Term) (STJ71028)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog

PRODUCT PROPERTIES

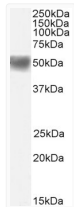
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx. 48kDa band observed in Human Cerebral Cortex lysates, and approx. 50kDa in Mouse and Rat Brain lysates (calculated MW of 49.9kDa according to Human NP_002046.1, Mouse NP_034407)
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

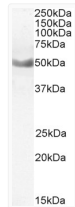
Gene ID	2670
Gene Symbol	GFAP
UniProt ID	GFAP_HUMAN
Immunogen Region	C-Term
Immunogen Sequence	DGEVIKESKQEHKD
Specificity	GFAP is thought to help to maintain astrocyte mechanical strength, as well as the shape of cells but its exact function remains poorly understood, despite the number of studies using it as a cell marker.

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ71028 (0.001 µg/ml) staining of U251 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence



STJ71028 (0.01 µg/ml) staining of Rat Brain lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.