

Anti-BDNF antibody (Internal) (STJ73299)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

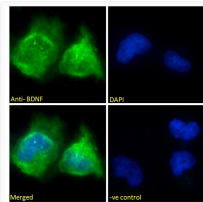
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:2000. IF: Expression of the protein seen in the nucleus and cytoplasm of Glioblastoma U251 cells. Recommended concentration: 10µg/ml.
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

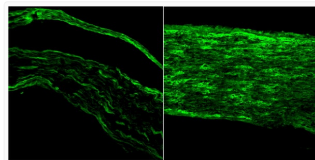
Gene ID	627
Gene Symbol	BDNF
UniProt ID	BDNF_HUMAN
Immunogen Region	Internal
Immunogen Sequence	ETKCNPMGYTKE
Specificity	This antibody is expected to recognise all reported isoforms (NP_001700.2; NP_001700.2; NP_733928.1; NP_733929.1; NP_733930.1; NP_733931.1)

ADDITIONAL INFORMATION

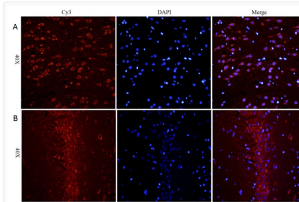
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



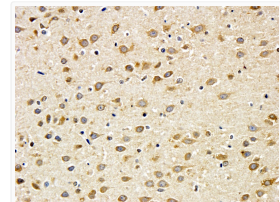
STJ73299 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing speckled nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). NA NA NA Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ73299 (1µg/ml) staining of PFA-perfused cryosection of Mouse sciatic nerve (left) and injured sciatic nerve (right). Alexa 488-staining. Data obtained from Simon Glerup, Department of Biomedicine, Aarhus University, Denmark. This data is from a previous batch, not on sale.



STJ73299 (5ug/ml) staining of paraffin embedded Rat Cerebral Cortex (A) and Rat Hippocampus (B), CRY-staining with DAPI nuclear counterstain in blue. Antigen retrieval with citrate buffer pH 6 at 95-98C. This data is from a previous batch, not on sale.



STJ73299 (5ug/ml) staining of paraffin embedded Rat Cerebral Cortex. Antigen retrieval with citrate buffer pH 6 at 95-98C, DAB-staining. This data is from a previous batch, not on sale.