

Goat BDNF Polyclonal Antibody | anti-BDNF antibody

Goat anti-BDNF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61777	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog	Immunofluorescence, ELISA

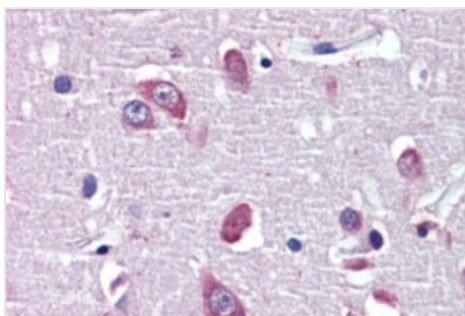
PRODUCT SYNONYMS

BDNF; Polyclonal Antibody; Goat anti-BDNF Antibody; brain-derived neurotrophic factor; MGC34632; neurotrophin; anti-BDNF antibody

PRODUCT SPECIFICATIONS

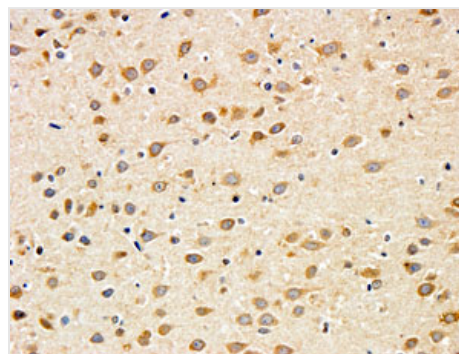
Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Applicable Applications for anti-BDNF antibody	IF (Immunofluorescence), ELISA (Peptide ELISA)
Important Comments	This antibody is expected to recognize all reported isoforms (NP_001700.2; NP_001700.2; NP_733928.1; NP_733929.1; NP_733930.1; NP_733931.1)
Immunogen	Peptide with sequence ETKCNPMGYTKE, from the internal region of the protein sequence according to NP_001700.2; NP_001700.2; NP_733928.1; NP_733929.1; NP_733930.1; NP_733931.1.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



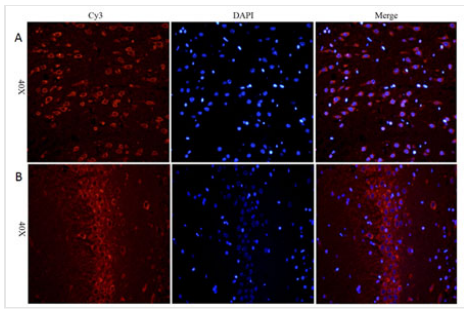
IHC (Immunohistochemistry)

3.75ug/ml staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



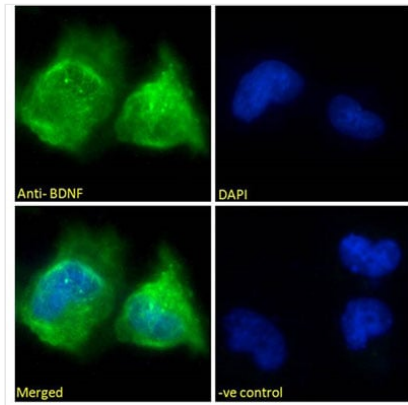
IHC (Immunohistochemistry)

AAA61777 (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.



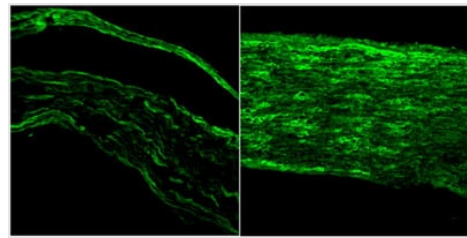
IHC (Immunohistochemistry)

AAA61777 (5ug/ml) staining of paraffin embedded Rat Cerebral Cortex (A) and Rat Hippocampus (B), CRY-staining with DAPI nuclear counter stain in blue. Antigen retrieval with citrate buffer pH 6 at 95-98C. This data is from a previous batch, not on sale.



IF (Immunofluorescence)

AAA61777 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). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

AAA61777 (1ug/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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25306267
NCBI GeneID	627
NCBI Accession #	NP_001700.2; NP_733928.1; NP_733929.1; NP_733930.1; NP_733931.1
NCBI GenBank Nucleotide #	NM_001709.4
NCBI Official Full Name	brain-derived neurotrophic factor isoform a preproprotein
NCBI Official Synonym Full Names	brain-derived neurotrophic factor
NCBI Official Symbol	BDNF
NCBI Official Synonym Symbols	ANON2; BULN2
NCBI Protein Information	brain-derived neurotrophic factor
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

