

Anti-BDNF antibody (129-247) (STJ112899)
STJ112899

GENERAL INFORMATION

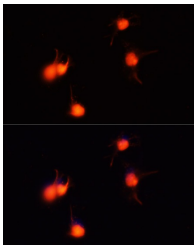
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

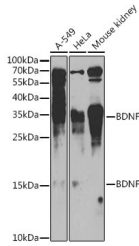
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

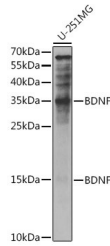
Gene ID	627
Gene Symbol	BDNF
Uniprot ID	BDNF_HUMAN
Immunogen	
Immunogen Region	129-247
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 129-247 of human BDNF (NP_733931.1).
Immunogen Sequence	HS DPARRGELSVCD SISEWV TAADKKTAVDMSGGTVTVLE KVPVSKGQLKQYFYETKCNP MGYTKEGCRGIDKRHWNSQC RTTQSYVRALTMDSKKRIGW RFRIDTSCVCTLTIKRGR



Immunofluorescence analysis of U-251MG cells using BDNF antibody (STJ112899) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using BDNF antibody (STJ112899) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of U-251MG cells, using BDNF antibody (STJ112899) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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