Rabbit BDNF Polyclonal Antibody | anti-BDNF antibody

BDNF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29920	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunocytochemistry, Immunohistochemistry**

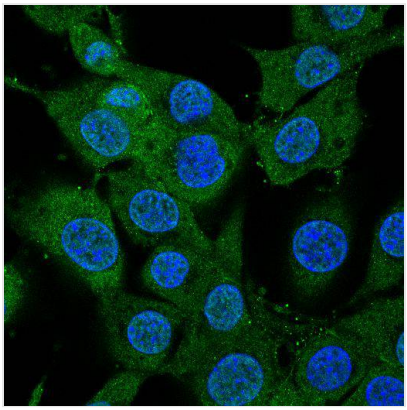
PRODUCT SYNONYMS

BDNF; Polyclonal Antibody; BDNF Antibody; Abrineurin antibody; ANON2 antibody; BDNF antibody; BDNF_HUMAN antibody; Brain Derived Neurotrophic Factor antibody; Brain-derived neurotrophic factor antibody; BULN2 antibody; MGC34632 antibody; Neurotrophin antibody; anti-BDNF antibody

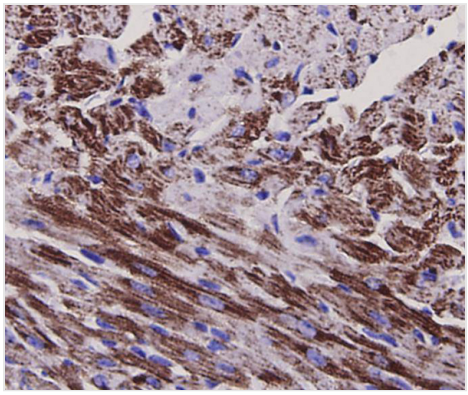
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-BDNF antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:500 IHC: 1:200 ICC: 1:200
Immunogen	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to the N-terminal of human BNDF
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

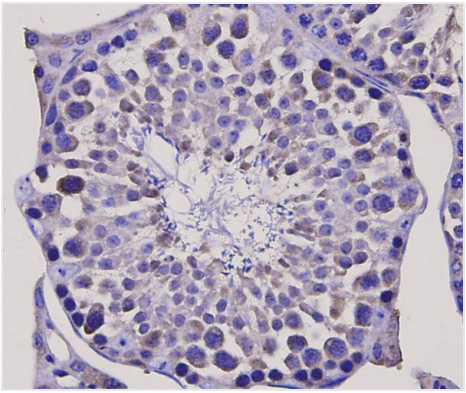
IMAGES



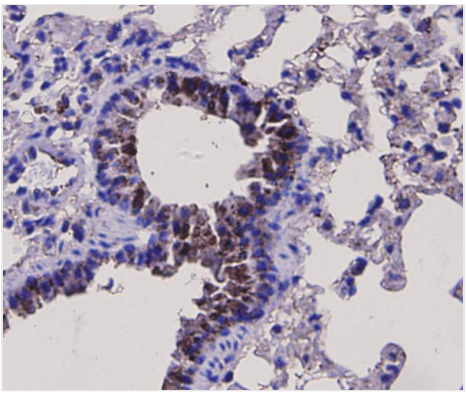
ICC (Immunocytochemistry)
ICC staining of BNDF in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



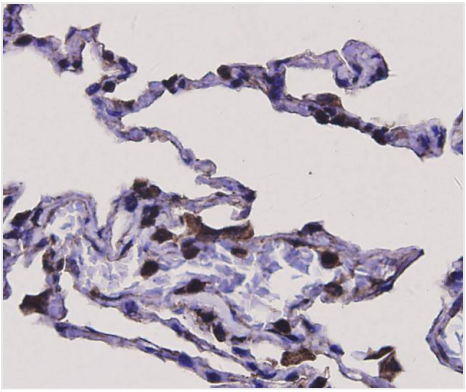
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-BDNF antibody. Counter stained with hematoxylin.



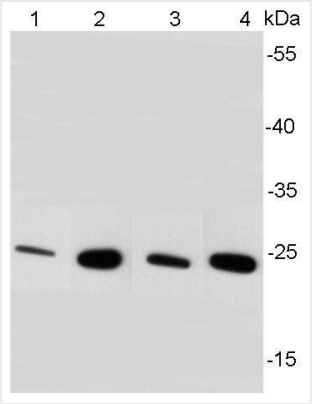
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-BDNF antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-BDNF antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-BDNF antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of BDNF on different cell lysates using anti-BDNF antibody at 1/500 dilution. Positive control: Lane 1: A172 Lane 2: SHG-44 Lane3: Mouse heart Lane 4: Mouse brain

ADDITIONAL INFORMATION

Related Product Information for anti-BDNF antibody	Brain-derived neurotrophic factor, also known as BDNF, is a member of the "neurotrophin" family of growth factors, which are related to the canonical "Nerve Growth Factor", NGF. BDNF acts on certain neurons of the central nervous system and the peripheral nervous system, helping to support the survival of existing neurons, and encourage the growth and differentiation of new neurons and synapses. BDNF is actually found in a range of tissue and cell types, not just in the brain. It is also expressed in the retina, the central nervous system, motor neurons, the kidneys, and the prostate. Various studies have shown possible links between BDNF and conditions such as depression, bipolar disorder, schizophrenia, obsessive-compulsive disorder, Alzheimer's disease, Huntington's disease, Rett syndrome, and dementia, as well as anorexia nervosa and bulimia nervosa.
Product Categories/Family for anti-BDNF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	114900
NCBI GeneID	627
UniProt Accession #	P23560; Q598Q1; Q6DN19; Q6YNR2; Q6YNR3; Q9BYY7; Q9UC24; A7LA85; A7LA92; D3DQZ2
Molecular Weight	247
NCBI Official Full Name	Brain-derived neurotrophic factor
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; abrineurin; neurotrophin
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/bdnf-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/29920