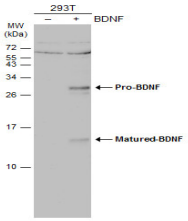
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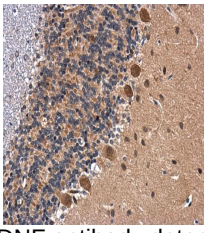
Product Datasheet

BDNF antibody
GRP162

Description	The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human BDNF. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.58 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	**P23560**
Entrez	**627**
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



Non-transfected (â€“) and transfected (+) 293T whole cell extracts (30 ?g) were separated by 15% SDS-PAGE, and the membrane was blotted with BDNF antibody (GRP614) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the p



BDNF antibody detects BDNF protein at cytoplasm in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. BDNF antibody (GRP614) diluted at 1:500.