

## GDN Polyclonal Antibody

Catalog: BS65479      Host: Rabbit      Reactivity: Hu-  
man, Mouse, Rat, Dog, Pig, Cow, Rabbit,

### Background:

The serine protease inhibitors (serpins) compose a super-family of proteins with a diverse set of functions, including the control of blood coagulation, complement activation, programmed cell death and development. Serpins are secreted glycoproteins that contain a stretch of peptide that mimics a true substrate for a corresponding serine protease. Protease nexin-1 (PN-1) is a serpin that inactivates several proteases, including thrombin, urokinase, plasminogen activators (PA) and plasmin. It is involved in tissue remodeling, cellular invasiveness, matrix degradation and tumor growth. PN-1 expression is abundant in the nervous system, where it inhibits thrombin, thereby playing a role in neural injury and repair processes. An imbalance between PN-1 and thrombin may be a contributing factor in the pathology of Alzheimer's disease.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

42 kD

### Swiss-Prot:

P07093

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

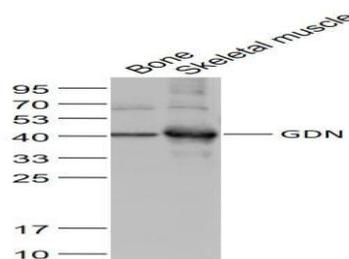
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

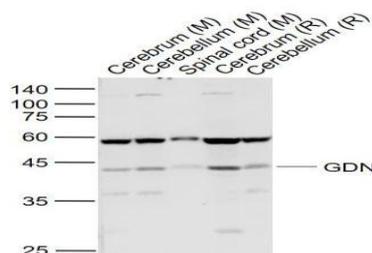
### Specificity:

GDN Polyclonal Antibody detects endogenous levels of GDN protein.

### DATA:



Primary: Anti-GDN at 1/1000 dilution



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### Note:

For research use only, not for use in diagnostic procedure.

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