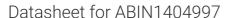
# antibodies .- online.com







# anti-SERPINE2 antibody (AA 301-398) (Biotin)



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Quantity:	100 μL	
Target:	SERPINE2	
Binding Specificity:	AA 301-398	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SERPINE2 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human GDN/SERPINE2	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

# Target Details

Target:	SERPINE2	
Alternative Name:	GDN (SERPINE2 Products)	
Background:	Synonyms: Glia derived nexin, Protease inhibitor 7, GDN, GDN_HUMAN, Glia-derived nexin, P1	
	antibody Peptidase inhibitor 7, Pi-7, Plasminogen activator inhibitor type 1, member 2, PN-1,	

PN1, PNI, Protease nexin 1, Protease nexin I, Serpin E2, Serpin peptidase inhibit	tor, clade E nexin,
plasminogen activator inhibitor type 1, member 2, SERPINE 2, Serpine2.	

Background: The serine protease inhibitors (serpins) compose a superfamily 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.

Gene ID: 5270

UniProt: P07093

### **Application Details**

Application Notes: WB 1:300-5000

IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months