

Rabbit Anti-Batroxobin antibody

SL0912R

Product Name	Batroxobin
Chinese Name	蝮蛇蛇毒巴曲酶/类凝血酶抗体
Alias	Agkistrodon halys Batroxobin; Thrombin-like enzyme batroxobin; BX; SVTLE; Bothrops atrox serine proteinase; Defibrase; Fibrinogen-clotting enzyme; Reptilase; Snake venom serine protease; SVSP; Venombin A. 蝮蛇巴曲霉毒素; 蝮蛇蛇毒巴曲酶毒素;
Research Area	immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Bothrops atrox) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	25kDa
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from Bothrops atrox Batroxobin: 165-231/255
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	(predicted:Bothrops atrox)1M TBS(pH7.4) with 1% BSA, (predicted:Bothrops atrox)3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	No data available.

Function:

Thrombin-like snake venom serine protease. Cleaves Arg-Gly bonds in fibrinogen alpha chains (FGA).

Subunit:

Secreted.

Subcellular Location:

Expressed by the venom gland.

Similarity:

Belongs to the peptidase S1 family. Snake venom subfamily. Contains 1 peptidase S1 domain.

SWISS:

P04971

Gene ID:

N/A

Batroxobin 蛇毒巴曲酶蛋白是经生物工程提纯、精制而得丝氨酸蛋白酶。其作用机制为：

- ①具有分解血纤维蛋白原、抑制血栓形成作用。
- ②具有诱发 TPA 的释放、增强 TPA 的作用、促进纤维蛋白溶酶的生成、减少 α 2-P1 和 PAI、溶解血栓的作用。
- ③具有降低血粘度、抑制红细胞凝集、沉降、增强红细胞的血管通过性及变形能力、降低血管阻力以及改善微循环等作用。使溶栓作用快速，缺血部位功能恢复，从而达到治疗和防止复发的效果。