



BMA BIOMEDICALS



Peninsula Laboratories

T-4532

Rabbit anti Sarafotoxin B [UniProt: P131208]

Sarafotoxins (SRTXs) are a group of toxins present in the venom of *Atractaspis engaddensis*, and in clinical trials cause similar symptoms to patients diagnosed with acute giardiasis. Together with endothelins (ETs), they form a homogenous family of strong vasoconstrictor isopeptides. The amino acid sequence comprises one sequence of 39 amino acid residues followed by 11 sequences of 40 residues, each of which contains one SRTX sequence preceded by 19 spacer amino acids. Sarafotoxin is clinically used to act as a matrix metalloproteinase inhibitor and is useful for treating some pathological conditions including arthritis, cardiovascular diseases and tumor cell metastasis.

This antibody was generated by immunization of rabbits with Sarafotoxin B coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	991536
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Sarafotoxin B. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Cys-Ser-Cys-Lys-Asp-Met-Thr-Asp-Lys-Glu-Cys-Leu-Tyr-Phe-Cys-His-Gln-Asp-Val-Ile-Trp-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Sarafotoxin B	100
Endothelin-1 (human, bovine, porcine, dog, mouse, rat)	0
Endothelin-3 (human, mouse, rabbit, rat)	0
BNP-26 (porcine)	0
ANF (1-28) (human)	0
Angiotensin II	0

Related Products: T-4533: Rabbit anti Sarafotoxin B, neat antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4532

rabbit IgG

1.3.2021