



BMA BIOMEDICALS



Peninsula Laboratories

T-4533

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:	960985
Host species:	Rabbit IgG
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
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 carrier protein.

Related Products: T-4532: Rabbit anti Sarafotoxin B, purified IgG

This product contains no 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.

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neat serum

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