

Product datasheet for **TA364207**

Sarafotoxin B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	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.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
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.
Formulation:	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.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	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.
Database Link:	P13208
Background:	Sarafotoxins (SRTXs) are group of toxins present in a venom of <i>Atractaspis engaddensis</i> , 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 acidic residues followed by 11 sequences of 40 residues, each of it 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.



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