



BMA BIOMEDICALS



Peninsula Laboratories

T-4794

Rabbit anti Salusin- α (human)

Salusins are expressed and synthesized ubiquitously within human, rat, and mouse tissues, including the vasculature, central nervous system, and kidneys. They are present in human plasma and urine, indicating their possible role as peptide hormones in humans. Salusin- α and Salusin- β are related peptides produced from prosalusin. Salusins may be potent hypotensive peptides. Particularly, Salusin- α and Salusin- β may be endocrine and/or paracrine factors able to increase intracellular calcium concentrations and induce cell mitogenesis.

This antibody was generated by immunization of rabbits with Salusin- α coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A05364
Host species:	Rabbit IgG
Quantity:	400 μ g
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 $^{\circ}$ - 8 $^{\circ}$ C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 $^{\circ}$ C or below.
Applications:	This antibody has been tested and validated in ELISA against Salusin- α . 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-Ser-Gly-Ala-Leu-Pro-Pro-Ala-Pro-Ala-Ala-Pro-Arg-Pro-Ala-Leu-Arg-Ala-Gln-Arg-Ala-Gly-Pro-Ala-Gly-Pro-Gly-Ala-Lys-NH ₂ coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Salusin-a (human)	100
Salusin-b (human)	5

Cross-Reactivity data is taken from Radioimmunoassay applications

Related Products:

S-1265: ELISA, high sensitivity for extracted samples
T-4795: Rabbit antiSalusin- α (hu), neat antiserum
T-4811: Rabbit antiSalusin- β (hu), neat antiserum
T-4812: Rabbit antiSalusin- β (hu), purified IgG

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.

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rabbit IgG

1.3.2021