T-4182

Rabbit anti Prepro-Atrial Natriuretic Factor (104-123) (human) [UniProt: P01160]
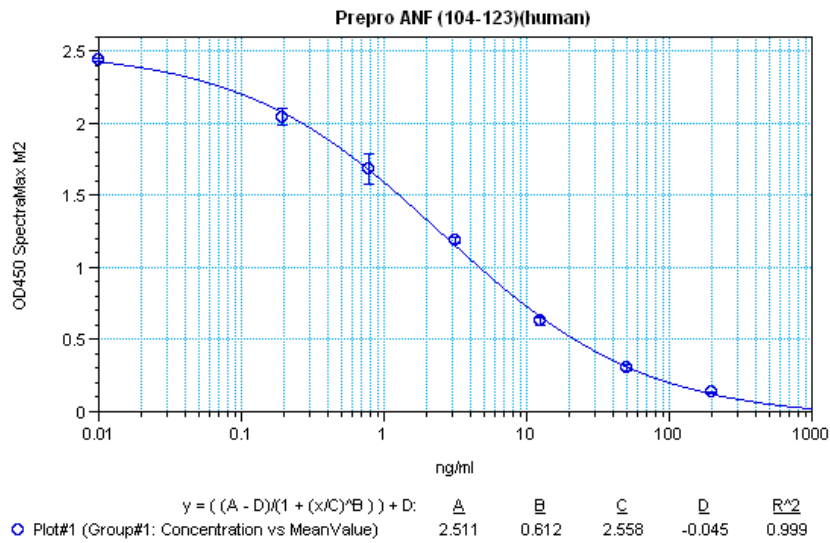
Prepro-ANF (104-123) increases renal guanylate cyclase activity. It has the strongest potassium excreting properties of all atrial natriuretic peptides in humans. In addition, this peptide has blood pressure-lowering and diuretic properties.

This antibody was generated by immunization of rabbits with Prepro-Atrial Natriuretic Factor (104-123) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A10193
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 4º - 8ºC from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20ºC or below.
Applications:	This antibody has been tested and validated in ELISA against Prepro-ANF (104-123). 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-Ser-Asp-Arg-Ser-Ala-Leu-Leu-Lys-Ser-Lys-Leu-Arg-Ala-Leu-Leu-Thr-Ala-Pro-Arg-OH coupled to carrier protein.

Typical titration curve of Prepro-ANF (104-123) in a competitive ELISA with this antibody:

Prepro ANF (104-123)(human)

y = ((A - D)/(1 + (x/C)^B)) + D:

	A	B	C	D	R^2
○ Plot#1 (Group#1: Concentration vs MeanValue)	2.511	0.612	2.558	-0.045	0.999

Related Products: S-1434: ELISA (104-123) (hu), high sensitivity for extracted samples
T-4180: anti ANF (104-123) (hu), diluted antiserum
T-4181: anti ANF (104-123) (hu), purified IgG

T-4182   neat antiserum – hu   9.9.2020