



BMA BIOMEDICALS



Peninsula Laboratories

T-4037

Rabbit anti Corticotropin-Releasing Factor (CRF) (human, mouse, rat) [UniProt: P06850, Q8CIT0, P01143]

Corticotropin-Releasing Factor (CRF, also known as Corticoliberin) is a 41 amino acid peptide hormone derived from the 196-amino acid preprohormone. It is secreted in the hypothalamus in response to stress, and stimulates both the synthesis and the secretion of adrenocorticotrophic hormone (ACTH). CRF is also synthesized in peripheral tissues and placenta and it is known to suppress appetite and increase subjective feelings of anxiety.

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

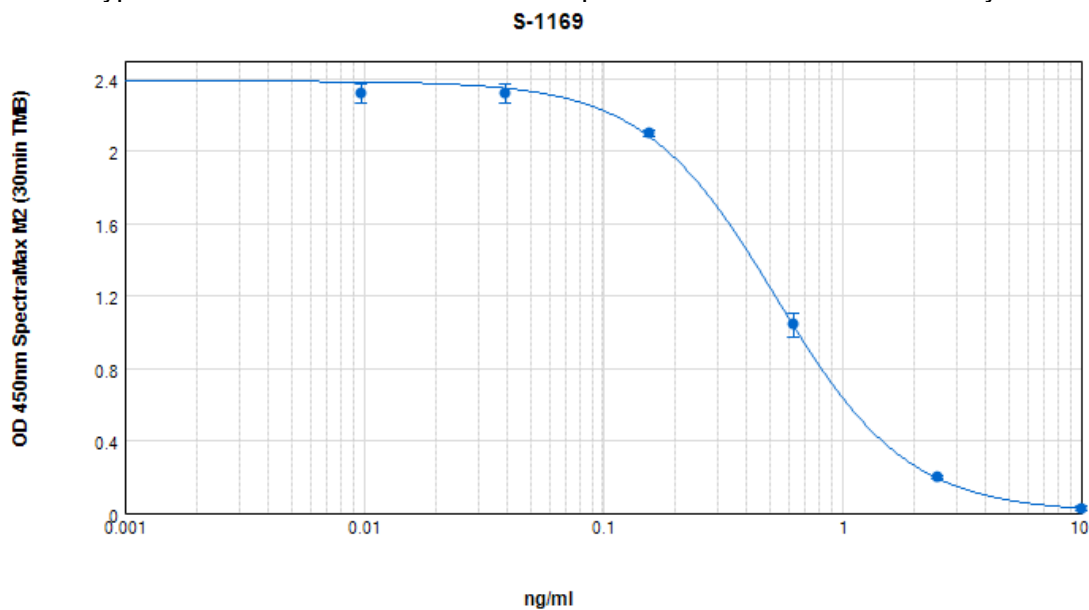
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A19PO22006
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 CRF and in immunohistochemistry (IHC). Other applications like 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-Glu-Glu-Pro-Pro-Ile-Ser-Leu-Asp-Leu-Thr-Phe-His-Leu-Leu-Arg-Glu-Val-Leu-Glu-Met-Ala-Arg-Ala-Glu-Gln-Leu-Ala-Gln-Gln-Ala-His-Ser-Asn-Arg-Lys-Leu-Met-Glu-Ile-Ile-NH ₂ coupled to carrier protein.

CROSS REACTION:

PEPTIDE	%
CRF (human, mouse, rat)	100
CRF (bovine)	0
CRF (ovine)	0
Sauvagine (frog)	0
Prepro CRF (125-151) (human)	0
PACAP-38 (human, mouse, ovine, porcine, rat)	0
LH-RH	0
ACTH (1-39) (human)	0
(Arg ⁸)-Vasopressin	0
BNP-45 (rat)	0

Typical titration curve of CRF in a competitive ELISA with this antibody:



Related Products:

S-1169: ELISA, high sensitivity for extracted samples
S-1181: ELISA, extraction-free for serum and plasma samples
T-4035: neat antiserum for RIA

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.

T-4037

neat serum

24.01.2022