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Product datasheet for TA364334

TAC4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against α- Calcitonin Gene-Related Peptide. 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.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Thr-Gly-Lys-Ala-Ser-Gln-Phe-Phe-Gly-Leu-Met-NH2 coupled to 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.
Gene Name:	tachykinin 4 (hemokinin)
Database Link:	Entrez Gene 255061 Human Q86UU9
Background:	Hemokinin 1 is a substance P-like tachykinin peptide predominantly expressed in non-neuronal tissues. Hemokinin-1 is a cleavage product of Tachykinin-4 and constitutes of 11 amino acids. It mediates chronic neuropathic mechanical and cold hyperalgesia. Hemokinin 1 is involved in the activation of neuropathic microglia and astrocyte activation in spinal cord. It is known to induce acute visceral and neurogenic inflammatory pain via NK1 receptor. This antibody was generated by immunization of rabbits with Hemokinin 1 coupled to a carrier protein.
Synonyms:	EK; endokinin; hemokinin; HK-1; MGC133009; MGC133010; PPT-C; Pptc; Preprotachykinin-C

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