BMA BIOMEDICALS

Polyclonal Antibody To Mouse / Rat Apelin Receptor

Chicken Anti Mouse / Rat G-Protein Coupled Receptor APJ

The apelin receptor APJ is a G-protein coupled receptor that is widely expressed in various tissues. It has been suggested that its neuronal expression points to a role in the central control of circadian rhythm, and of water and food intake behaviour. The antibody was generated against the peptide sequence of the extracellular N-terminus, MEDDGYNYYGAD, and affinity purified.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-2304 (Lot 01AP0404)
Clone:	Polyclonal antibody
Host species, isotype:	Chicken IgY
Quantity:	200µg
Format:	Affinity purified, lyophilized.
	Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgY, phosphate buffered saline pH 7.2 (PBS), 0.5% casein and 0.1% Luviskol as a stabilizer and 0.01% (v/v) Kathon™ CG as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C from date of purchase.
Applications:	Tested for immunohistochemistry (IHC).
	Approximate working dilution for IHC: Frozen sections: 1-5µg/ml (1:80-1:400) Paraffin sections: not tested.
	Optimal dilutions should be determined by the end user.
	Suggested positive control: mouse/rat brain.
	Please see **www.bma.ch** for protocols and general information.
Immunogen:	Peptide coupled to carrier protein.
Protein database:	mouse-Q9WV08, rat-Q9JHG3
Antigen, epitope:	N-terminal portion of apelin receptor.
Species specificity:	mouse, rat; others not tested. The staining pattern in mouse and rat tissues may be different.

For in vitro research only. This product contains Kathon™ CG as a preservative.

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