

Product datasheet for **BP4014**

Aplnr Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: 1-5 µg/ml (1/80-1/400). Recommended Positive Control: Mouse/Rat brain. Staining pattern in Mouse and Rat tissues may be different.
Reactivity:	Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Immunogen:	The antibody was generated against the peptide sequence of the extracellular N-terminus coupled to carrier protein.
Specificity:	Reacts with Apelin Receptor from Mouse and Rat.
Formulation:	PBS pH 7.2 State: Aff - Purified State: Lyophilized purified IgY fraction Stabilizer: 0.5% Casein, 0.1% Luviskol Preservative: 0.01% Kathon
Reconstitution Method:	Restore with 0.5 ml distilled water.
Concentration:	0.4 mg/ml (after reconstitution)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apelin receptor



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Database Link: [Entrez Gene 83518 Rat](#)
[Q9JHG3](#)

Background: The apelin receptor 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 behavior.

Synonyms: APLNR, AGTRL1, APJ, HG11