

## Datasheet

### ADCY4 polyclonal antibody

**Catalog Number:** PAB17484

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of ADCY4.

**Immunogen:** A synthetic peptide corresponding to internal of human ADCY4.

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Applications:** ELISA, WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody detects endogenous levels of total ADCY4 protein.

**Form:** Liquid

**Purification:** Affinity purification

**Isotype:** IgG

**Recommend Usage:** Western Blot (1:500-1:1000)

ELISA (1:5000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4 (15 0mM NaCl, 0.02% sodium azide, 50% glycerol)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 196883

**Gene Symbol:** ADCY4

**Gene Alias:** AC4

**Gene Summary:** This gene encodes a member of the

family of adenylate cyclases, which are membrane-associated enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). Mouse studies show that adenylate cyclase 4, along with adenylate cyclases 2 and 3, is expressed in olfactory cilia, suggesting that several different adenylate cyclases may couple to olfactory receptors and that there may be multiple receptor-mediated mechanisms for the generation of cAMP signals. [provided by RefSeq]