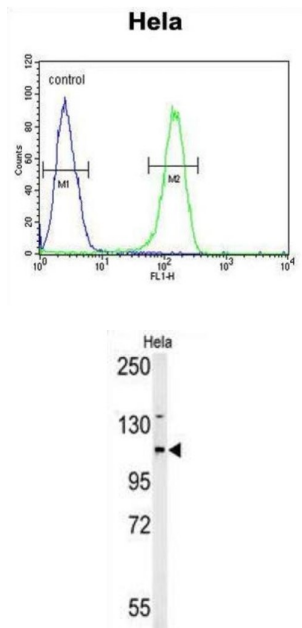


## Adenylate Cyclase 4 (ADCY4) Antibody

Catalogue No.: abx034551



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.

**Target:** Adenylate Cyclase 4 (ADCY4)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, FCM

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, FCM: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 415-441 amino acids from the Central region of human ADCY4.

**Isotype:** IgG

# Datasheet

Version: 2.0.0  
Revision date: 14 Jun 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q8NFM4 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	ADCY4
<b>KEGG:</b>	hsa:196883
<b>String:</b>	<a href="#">9606.ENSP00000312126</a>
<b>Molecular Weight:</b>	Calculated MW: 120 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Specificity:</b>	Predicted to react with Mouse and Rat ADCY4.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only