antibodies -online.com









Overview

| Quantity: | 200 μL |
|--------------|--------------------------------------|
| Target: | ADCY4 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ADCY4 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| Immunogen: | Recombinant protein of human ADCY4 |
|------------------|------------------------------------|
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

Target:

ADCY4

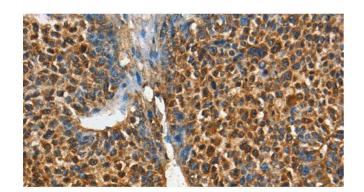
| Alternative Name: | ADCY4 (ADCY4 Products) |
|-------------------|------------------------------------------------------------------------------------------------|
| Background: | This gene encodes a member of the family of adenylate cyclases, which are membrane- |
| | associated enzymes that catalyze 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 |

Target Details

| | cyclases may couple to olfactory receptors and that there may be multiple receptor-mediated mechanisms for the generation of cAMP signals. Alternative splicing results in transcript variants. |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt: | Q8NFM4 |
| Pathways: | EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, cAMP Metabolic Process, Myometrial Relaxation and Contraction, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma |

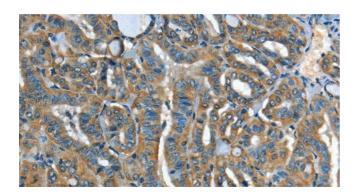
Application Details

| Application Notes: | IHC 1:50-1:200 |
|-------------------------|-----------------------|
| Restrictions: | For Research Use only |
| | |
| Handling | |
| | |
| Format: | Liquid |
| Format: Concentration: | Liquid 0.4 mg/mL |
| | |
| Concentration: | 0.4 mg/mL |



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ADCY4 Polyclonal Antibody at dilution 1:45



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ADCY4 Polyclonal Antibody at dilution 1:45