

## PDE4C Antibody

Catalog No: #34525

Package Size: #34525-1 50ul #34525-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

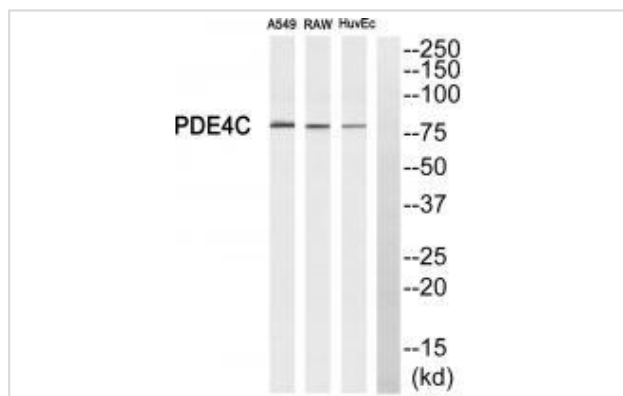
## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | PDE4C Antibody                                                                                                                                     |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB                                                                                                                                                 |
| Species Reactivity    | Hu Ms                                                                                                                                              |
| Specificity           | The antibody detects endogenous levels of total PDE4C protein.                                                                                     |
| Immunogen Type        | Peptide                                                                                                                                            |
| Immunogen Description | Synthesized peptide derived from internal of human PDE4C.                                                                                          |
| Target Name           | PDE4C                                                                                                                                              |
| Other Names           | cAMP-specific 3', 5'-cyclic phosphodiesterase 4C; CN4C; DPDE1; PDE21                                                                               |
| Accession No.         | Swiss-Prot: Q08493NCBI Gene ID: 5143                                                                                                               |
| Uniprot               | Q08493                                                                                                                                             |
| GeneID                | 5143;                                                                                                                                              |
| SDS-PAGE MW           | 80kd                                                                                                                                               |
| Concentration         | 1.0mg/ml                                                                                                                                           |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C                                                                                                                                     |

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from A549 cells, RAW264.7 cells and HuvEc cells, using PDE4C antibody #34525.

## Background

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Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes.

Engels P., FEBS Lett. 358:305-310(1995).

Sullivan M., Cell. Signal. 11:735-742(1999).

Ota T., Nat. Genet. 36:40-45(2004).

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Note: This product is for in vitro research use only