

ADCY5/6 polyclonal antibody

Catalog: BZ16420

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

ADCY5 encodes a member (adenylate cyclase 5) of the membrane-bound adenylyl cyclase enzymes. Adenylyl cyclases mediate G protein-coupled receptor signaling through the synthesis of the second messenger cAMP. Activity of the encoded protein is stimulated by the Gs alpha subunit of G protein-coupled receptors and is inhibited by protein kinase A, calcium and Gi alpha subunits. Single nucleotide polymorphisms in this gene may be associated with low birth weight and type 2 diabetes. Alternatively spliced transcript variants that encode different isoforms have been observed for ADCY5.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 139 kDa; Observed MW: 139 kDa

Swiss-Prot:

O95622/O43306

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

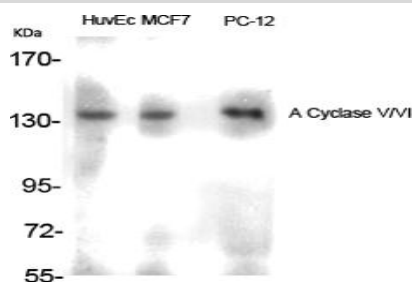
ELISA: 1/10000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of ADCY5/6 in various lysates using ADCY5/6 antibody.

Western blot analysis of ADCY5/6 in COLO205 lysates using A Cyclase V/VI antibody.

Western blot analysis of ADCY5/6 in COLO25 lysates using ADCY5/6 antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of ADCY5/6 in HUVEC lysates using ADCY5/6 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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