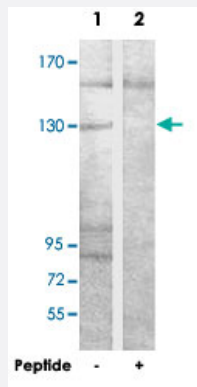


ADCY1 polyclonal antibody

Catalog # PAB17483 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from COLO 205 cells, using ADCY1 polyclonal antibody (Cat # PAB17483).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADCY1.
Immunogen	A synthetic peptide corresponding to internal of human ADCY1.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of total ADCY1 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:40000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from COLO 205 cells, using ADCY1 polyclonal antibody (Cat # PAB17483).
Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADCY1

Entrez GeneID [107](#)

Protein Accession# [Q08828](#)

Gene Name ADCY1

Gene Alias AC1

Gene Description adenylate cyclase 1 (brain)

Omim ID [103072](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a form of adenylate cyclase expressed in brain. A similar protein in mouse is involved in pattern formation of the brain. [provided by RefSeq]

Other Designations 3',5'-cyclic AMP synthetase|ATP pyrophosphate-lyase|adenyl cyclase|adenylate cyclase type II|brain adenylate cyclase 1

Pathway

- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)

- [Long-term potentiation](#)
- [Melanogenesis](#)
- [Purine metabolism](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cognition](#)
- [NARP](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)