

Product datasheet for **TA309564**

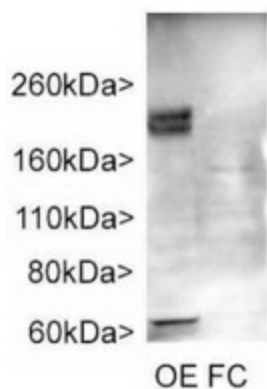
ADCY3 Rabbit Polyclonal Antibody

Product data:

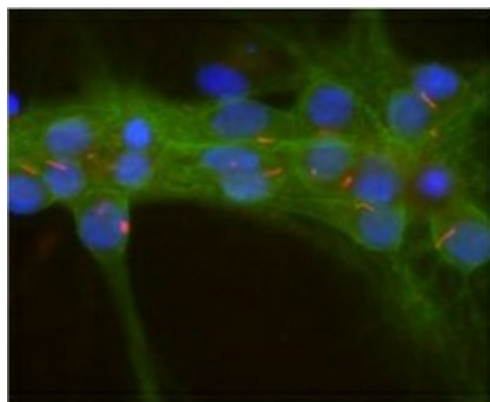
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Raised against a 20 amino acid peptide corresponding to the C-terminus of rat Adenylate Cyclase 3 (PAAFPNGSSVTLPHQVVDNP).
Formulation:	PBS and 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	adenylate cyclase 3
Database Link:	NP_004027 Entrez Gene 64508 Rat Entrez Gene 109 Human O60266
Synonyms:	AC-III; AC3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Calcium signaling pathway, Chemokine signaling pathway, Dilated cardiomyopathy, Gap junction, GnRH signaling pathway, Melanogenesis, Olfactory transduction, Oocyte meiosis, Progesterone-mediated oocyte maturation, Purine metabolism, Vascular smooth muscle contraction, Vibrio cholerae infection



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Product images:

Western Blot: Adenylate Cyclase 3 Antibody - Western blot of rat olfactory epithelium (OE) and frontal cortex (FC). The antibody stains a band at about 200kDa in olfactory epithelium which is rich in cilia. Fewer cilia are found in frontal cortex, and the protein is less heavily glycosylated, and a less prominent band is seen at about 160kDa. Data generated in the laboratory of Matt Sarkisian in the University of Florida.



Immunofluorescence: Adenylate Cyclase 3 Antibody - Mixed neuron-glia cultures stained with Adenylate Cyclase 3 antibody and Alpha Fodrin antibody. Note the strong and clean staining of neuronal cilia. Since Alpha Fodrin is specific for neurons in the CNS, the glial cells in this culture are not recognized by this antibody.