

Datasheet for ABIN634544
anti-ADCY10 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ADCY10
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SAC antibody was raised using the N terminal Of Sac corresponding to a region with amino acids VGHTVRHEYTVIGQKVNLAARMMMYYPGIVTCDSVTYNGSNLPAYFFKEL
Specificity:	SAC antibody was raised against the N terminal Of Sac
Purification:	Affinity purified

Target Details

Target:	ADCY10
Alternative Name:	SAC (ADCY10 Products)
Background:	SAC belongs to a distinct class of mammalian adenylyl cyclase that is soluble and insensitive to G protein or forskolin regulation. It is localized in the cytoplasm and is thought to function as a general bicarbonate sensor throughout the body. It may also play an important role in the

Target Details

generation of cAMP in spermatozoa, implying possible roles in sperm maturation through the epididymis, capacitation, hypermotility, and/or the acrosome reaction.

Molecular Weight: 187 kDa (MW of target protein)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: SAC Blocking Peptide, catalog no. 33R-9558, is also available for use as a blocking control in assays to test for specificity of this SAC antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SAC antibody in PBS

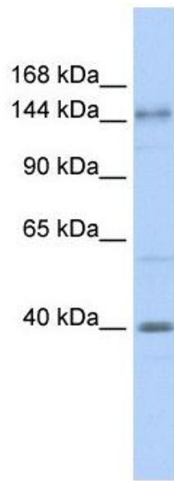
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. SAC antibody used at 1 ug/ml to detect target protein.