

## Anti-ADCY7 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 120 kDa. Actual: 120 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: A431 (Human) Cell Lysate at 30 µg Primary: Anti-ADCY7 (TMAB-02319) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 120 kD Observed band size: 120 kD
	2. Sample: K562 (Human) Cell Lysate at 30 µg U-20S (Human) Cell Lysate at 30 µg Primary: Anti-ADCY7 (TMAB-02319) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 120 kD Observed band size: 120 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ADCY7
Antigen Species:	Human
Gene ID:	113
Uniprot ID:	P51828

## Research Background

This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenylyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. [provided by RefSeq, Jul 2008].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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