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# Datasheet for ABIN7265351 anti-AKAP14 antibody

Image



#### Overview

Quantity:	100 µL
Target:	AKAP14
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This AKAP14 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	AKAP14 Rabbit mAb
Immunogen:	A synthesized peptide derived from human AKAP14
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	AKAP14
Alternative Name:	AKAP14 (AKAP14 Products)
Background:	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have

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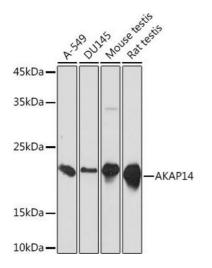
### Target Details

Storage:

	the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],AKAP28, PRKA14,Kinase,AKAP14
Molecular Weight:	23kDa
Gene ID:	158798
UniProt:	Q86UN6
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

-20 °C



#### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using Rabbit mAb (ABIN7265351) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3s.

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