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# Datasheet for ABIN6242158 anti-AKAP13 antibody (AA 18-170)

I Image



#### Overview

Quantity:	200 µL
Target:	AKAP13
Binding Specificity:	AA 18-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKAP13 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This AKAP13 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 18-170 amino acids from human AKAP13.
Clone:	1742CT411-87-24
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

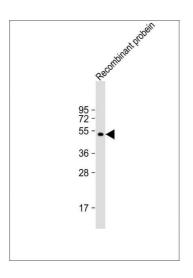
### Target Details

Target:	AKAP13
Alternative Name:	AKAP13 (AKAP13 Products)
Background:	Anchors cAMP-dependent protein kinase (PKA) and acts as an adapter protein to selectively

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	couple G alpha-13 and Rho. Augments gene activation by the estrogen receptor in an element- specific and ligand-dependent manner. Activates estrogen receptor beta by a p38 MAPK- dependent pathway. Stimulates exchange activity on Rho proteins in vitro, but not on CDC42, Ras or Rac and may bind calcium ions.
Molecular Weight:	307550
UniProt:	Q12802
Pathways:	Neurotrophin Signaling Pathway
Application Details	
Application Notes:	WB: 1:8000
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer:Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which<br/>should be handled by trained staff only.Storage:4 °C,-20 °CExpiry Date:6 months



#### Western Blotting

**Image 1.** Anti-AK Antibody at 1:8000 dilution + Recombinant probein Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 308 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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