antibodies -online.com





anti-AKAP13 antibody (Center)

3 Images



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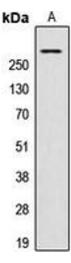
Overview		
Quantity:	100 μL	
Target:	AKAP13	
Binding Specificity:	Center	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This AKAP13 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)	
Product Details		
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKAP13.	
Specificity:	Recognizes endogenous levels of AKAP13 protein.	
Characteristics:	Rabbit polyclonal antibody to AKAP13	
Purification:	The antibody was purified by immunogen affinity chromatography.	
Target Details		
Target:	AKAP13	
Alternative Name:	AKAP13 (AKAP13 Products)	

Target Details

Expiry Date:

12 months

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Background:	BRX, HT31, LBC, A-kinase anchor protein 13, AKAP-13, AKAP-Lbc, Breast cancer nuclear receptor-binding auxiliary protein, Guanine nucleotide exchange factor Lbc, Human thyroid-anchoring protein 31, Lymphoid blast crisis oncogene, LBC oncogene, Non-oncogenic Rho GTPase-specific GTP exchange factor, Protein kinase A-anchoring protein 13, PRKA13, p47	
Gene ID:	11214	
UniProt:	Q12802	
Pathways:	Neurotrophin Signaling Pathway	
Application Details		
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.	
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:	-20 °C	
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.	



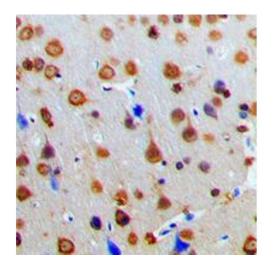
Western Blotting

Image 1. Western blot analysis of AKAP13 expression in HeLa (A) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of AKAP13 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry

Image 3. Immunohistochemical analysis of AKAP13 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.