Rabbit anti-Human AKAP13 Polyclonal Antibody | anti-AKAP13 antibody

Anti-AKAP13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105057	**Rabbit**	**Human**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

AKAP13; Polyclonal Antibody; Anti-AKAP13 Antibody; 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; anti-AKAP13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AKAP13 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1434
Applicable Applications for anti-AKAP13 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKAP13. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

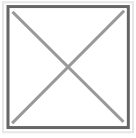
IMAGES



IF (Immunofluorescence)
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.



IHC (Immunohiostchemistry)
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.



WB (Western Blot)
Western blot analysis of AKAP13 expression in HeLa (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-AKAP13 antibody	Rabbit polyclonal antibody to AKAP13

NCBI AND UNIPROT INFORMATION

NCBI GI #	395627649
NCBI GeneID	11214
NCBI Accession #	NP_001257475.1
NCBI GenBank Nucleotide #	NM_001270546.1
UniProt Accession #	Q12802; Q14572; Q59FP6; Q86W90; Q8WXQ6; Q96JP6; Q96P79; Q9Y5T0; Q9Y5T6
Molecular Weight	19,992 Da
NCBI Official Full Name	A-kinase anchor protein 13 isoform 4
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 13
NCBI Official Symbol	AKAP13
NCBI Official Synonym Symbols	BRX; LBC; p47; HA-3; Ht31; c-lbc; PRKA13; AKAP-13; AKAP-Lbc; ARHGEF13; PROTO-LB; PROTO-LBC
NCBI Protein Information	A-kinase anchor protein 13; LBC oncogene; A-kinase anchoring protein; lymphoid blast crisis oncogene; human thyroid-anchoring protein 31; protein kinase A-anchoring protein 13; guanine nucleotide exchange factor Lbc; non-oncogenic Rho GTPase-specific GTP exchange factor; breast cancer nuclear receptor-binding auxiliary protein
UniProt Protein Name	A-kinase anchor protein 13
UniProt Gene Name	**AKAP13**
UniProt Synonym Gene Names	BRX; HT31; LBC; AKAP-13; LBC oncogene; PRKA13
UniProt Entry Name	AKP13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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