

DNAxPAb

Hard-to-Find
Antibody

AKAP13 DNAxPab

Catalog # H00011214-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AKAP13 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSSKKSKEKEKEKDKIKEKEKDSKDKEKDKKTVNGHTFSSIPVVGPISSCSQCMKPFTNKDAYT CANCsafVHKGCRESLASCakVKMKQPKGSLQAHDtSSLPTVIMRNKPSQPKERPRSAVLLVD ETATtPIFANRRSQSVSLSKSVSIQNITGVGNdenMSNTWkFLSHSTdSLNkISKVNestESLTD EGVGtDMNEGQLLGDFEIESKQLEAESWSRIIDSKFLKQQKKDVKRQEVYELMQTEFHhVRTL KIMSGVYSQGMmADLLFEQQMVEKLFpCLDELISiHSQFFQRILERKkESLVDKSEKNFLIKRIGDV LVNQFSGENaERLKKTYGKfCGQHnQSVNYfKDLyAKDKRFQAFVKKKMSSSVVRRLGIPECILL VTQRITKYPVLFQRILQCTKDNEVEQEDLAQSLSLVKDVGAVDSKVASyEKKVRLNEITKtDSKSI MRMKSgQMfAKEDLKRKKLVrdGSVFLKNAAGRLKEVQAVLLTDILVFLQEKDQKYIFASLDQKS TVISLKKLVREVAHEEKGLFLISMGMtDPEMVEVhASSKEERNsWiQIqDTINTLNRdeDEGIPSE NEEEKkMLDTRARELKEQLHQKDQKILLLEEkEMIFRDMAECSTPLPEDCSPTHSPRVLFRSNT EEALKGgPLMKsAINEVEILQGLVSGNLGGTLGPTVSSPIEQDVVGpVSLPRRAETFGGFDSHQM NASKGGEKEEGDDGQDLRRtESDSGLKKGGNANLVFmLKRNSEQVVSvVHLyELLSALQGVV LQQDSYIEDQKLVLSErALTRSLSRPSSLiEQEKQRsLEKQRQDLANLQKQQAQYLEEKRRRERE WEARErELREREALLAQREEEVQQGQQDLEKEREELQQKKGTYQYDLERLRAAQQLEREQEQ LRREAERLSQRQTERDLCQVSHpHTKLmRIPsFFPSPEEPPSPsAPsIAKSGSLDSELSVSPKRN SISrTHKDKGPfHILSSTSQTnKGPEGQSQAPASTsASTRLfGLTKPKEKKEKKKKNKtSRsSQPG DGPASEVSAEGEEIFC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — AKAP13

Entrez GeneID	11214
GeneBank Accession#	NM_144767.3
Protein Accession#	NP_658913.1
Gene Name	AKAP13
Gene Alias	AKAP-Lbc, ARHGEF13, BRX, FLJ11952, FLJ43341, HA-3, Ht31, LBC, PROTO-LB, PROTO-LB C, c-lbc
Gene Description	A kinase (PRKA) anchor protein 13
Omim ID	604686
Gene Ontology	Hyperlink
Gene Summary	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have 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. Alternative splicing of this gene results in at least 3 transcript variants encoding different isoforms containing a dbl oncogene homology (DH) domain and a pleckstrin homology (PH) domain. The DH domain is associated with guanine nucleotide exchange activation for the Rho/Rac family of small GTP binding proteins, resulting in the conversion of the inactive GTPase to the active form capable of transducing signals. The PH domain has multiple functions. Therefore, these isoforms function as scaffolding proteins to coordinate a Rho signaling pathway and, in addition, function as protein kinase A-anchoring proteins. [provided by RefSeq]
Other Designations	A-kinase anchor protein 13 A-kinase anchoring protein breast cancer nuclear receptor-binding auxiliary protein guanine nucleotide exchange factor Lbc lymphoid blast crisis oncogene

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