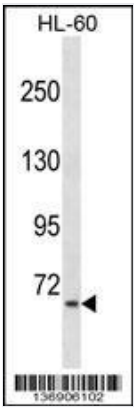
AKAP8L Antibody – Rabbit Polyclonal

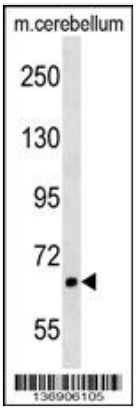
PRODUCT OVERVIEW

Product Name	AKAP8L, Polyclonal Antibody
Full Product Name	AKAP8L, CT (AKAP8L, NAKAP, NAKAP95, A-kinase anchor protein 8-like, Helicase A-binding protein 95, Homologous to AKAP95 protein, Neighbor of A-kinase-anchoring protein 95) (FITC)
Product Gene Name	anti-AKAP8L antibody
Product Synonym Names	AKAP8L; NAKAP; NAKAP95; A-kinase anchor protein 8-like; Helicase A-binding protein 95; Homologous to AKAP95 protein; Neighbor of A-kinase-anchoring protein 95
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	71649
OMIM	609475
3D Structure	ModBase 3D Structure for Q9ULX6
Immunogen	AKAP8L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-512 amino acids from the C-terminal region of human AKAP8L.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-AKAP8L antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-AKAP8L antibody	Western Blot (WB), FLISA
Application Notes for anti-AKAP8L antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-AKAP8L antibody	AKAP8L could play a role in constitutive transport element (CTE)-mediated gene expression. Does not seem to be implicated in the binding of regulatory subunit II of PKA. May be involved in nuclear envelope breakdown and chromatin condensation. May regulate the initiation phase of DNA replication when associated with TMPO-beta.
Product References and Citations for anti-AKAP8L antibody	Sugiura, T., et al. Exp. Cell Res. 314(7):1519-1528(2008). Kvissel, A.K., et al. Exp. Cell Res. 313(13):2795-2809(2007). Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007): Olsen, J.V., et al. Cell 127(3):635-648(2006). Sayer, J.A., et al. Neuromolecular Med. 7(4):297-310(2005).

Other Notes	Small volumes of anti-AKAP8L antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AKAP8L purchase	MBS6272490 is an antibody targeting AKAP8L. Also known as AKAP8L, CT (AKAP8L, NAKAP, NAKAP95, A-kinase anchor protein 8-like, Helicase A-binding protein 95, Homologous to AKAP95 protein, Neighbor of A-kinase-anchoring protein 95) (FITC). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-AKAP8L antibody
AKAP8L Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the AKAP8L antibody detected the AKAP8L protein (arrow).



Western Blot (WB) of anti-AKAP8L antibody
AKAP8L Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the AKAP8L antibody detected the AKAP8L protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AKAP8L. It may not necessarily be applicable to this product.

NCBI GI #	49472841
NCBI GeneID	26993
NCBI Accession #	NP_055186.2
UniProt Primary Accession #	Q9ULX6
UniProt Secondary Accession #	O94792; Q96J58; Q9NRQ0; Q9UGM0; B4DJ74; B5BU90
UniProt Related Accession #	Q9ULX6
GenBank Nucleotide #	NM_014371.2
NCBI Official Full Name	A-kinase anchor protein 8-like
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 8-like
NCBI Official Symbol	AKAP8L
NCBI Official Synonym Symbols	HA95; HAP95; NAKAP; NAKAP95
UniProt Protein Name	A-kinase anchor protein 8-like
UniProt Synonym Protein Names	Helicase A-binding protein 95; HAP95; Homologous to AKAP95 protein; HA95; Neighbor of A-kinase-anchoring protein 95; Neighbor of AKAP95
Protein Family	A-kinase anchor protein
UniProt Gene Name	AKAP8L
UniProt Synonym Gene Names	NAKAP; NAKAP95; AKAP8-like protein; HAP95; HA95; Neighbor of AKAP95
UniProt Entry Name	AKP8L_HUMAN
NCBI Protein Information	A-kinase anchor protein 8-like

UniProt Comments for AKAP8L	AKAP8L: Could play a role in constitutive transport element (CTE)-mediated gene expression. Does not seem to be implicated in the binding of regulatory subunit II of PKA. May be involved in nuclear envelope breakdown and chromatin condensation. May regulate the initiation phase of DNA replication when associated with TMPO-beta. Belongs to the AKAP95 family. Protein type: RNA-binding; Adaptor/scaffold Chromosomal Location of Human Ortholog: 19p13.12 Cellular Component: nucleoplasm; nuclear matrix; cytoplasm; nucleus Molecular Function: protein binding; DEAD/H-box RNA helicase binding; DNA binding; metal ion binding
Research Articles on AKAP8L	**1.** These results infer that RNF43 is a resident protein of the ER and, at least partially, the nuclear membrane, with ubiquitin ligase activity and may be involved in cell growth control potentially through the interaction with HAP95.
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