

## Rabbit AKAP8 Polyclonal Antibody | anti-AKAP8 antibody

AKAP8 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA304367 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

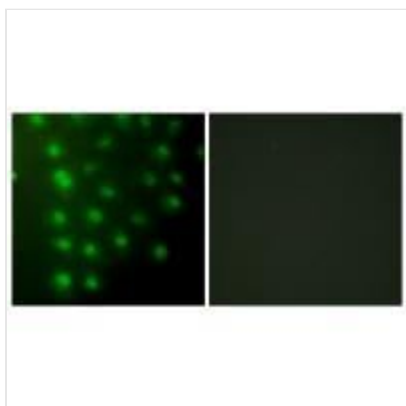
### PRODUCT SYNONYMS

AKAP8; Polyclonal Antibody; AKAP8 Antibody; A-kinase anchor protein 8; A-kinase anchor protein 95 kDa; AKA8; AKAP 95; AKAP95; anti-AKAP8 antibody

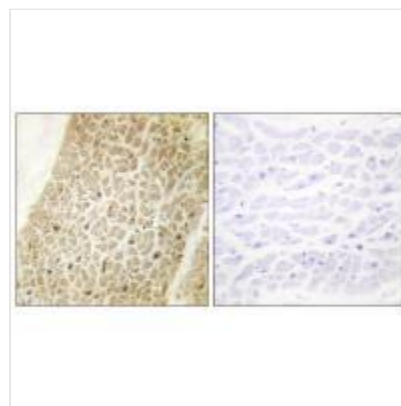
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                             |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                         |
| Specificity                                     | The antibody detects endogenous levels of total AKAP8 protein.                                                                                     |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                     | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                 | 692                                                                                                                                                |
| Applicable Applications for anti-AKAP8 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                             |
| Immunogen Type                                  | Peptide                                                                                                                                            |
| Immunogen Description                           | Synthesized peptide derived from internal of human AKAP8.                                                                                          |
| Target Name                                     | AKAP8                                                                                                                                              |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                              |

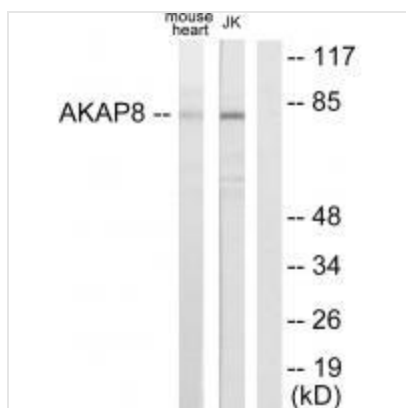
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of HUVEC cells, using AKAP8 antibody.


**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded human heart tissue using AKAP8 antibody.



#### WB (Western Blot)

Western blot analysis of extracts from mouse heart cells and Jurkat cells, using AKAP8 antibody.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AKAP8 antibody | Anchoring protein that mediates the subcellular compartmentation of cAMP-dependent protein kinase (PKA type II).Eide T., Exp. Cell Res. 238:305-316(1998).Grimwood J., Nature 428:529-535(2004).Beausoleil S.A., Proc. Natl. Acad. Sci. U.S.A. 101:12130-12135(2004). |
| Product Categories/Family for anti-AKAP8 antibody   | Total protein Ab                                                                                                                                                                                                                                                      |

### NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 5031579                          |
| NCBI GeneID                      | 10270                            |
| NCBI Accession #                 | NP_005849.1                      |
| NCBI GenBank Nucleotide #        | NM_005858.3                      |
| UniProt Accession #              | O43823                           |
| Molecular Weight                 | 76,108 Da                        |
| NCBI Official Full Name          | A-kinase anchor protein 8        |
| NCBI Official Synonym Full Names | A kinase (PRKA) anchor protein 8 |
| NCBI Official Symbol             | AKAP8                            |
| NCBI Official Synonym Symbols    | AKAP-8; AKAP95; AKAP 95; AKAP-95 |
| NCBI Protein Information         | A-kinase anchor protein 8        |
| UniProt Protein Name             | A-kinase anchor protein 8        |
| UniProt Gene Name                | <b>AKAP8</b>                     |
| UniProt Synonym Gene Names       | AKAP95; AKAP-8; AKAP 95          |
| UniProt Entry Name               | AKAP8_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/akap8-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304367>