

## Rabbit anti-Human, mouse ACAP1 Polyclonal Antibody | anti-ACAP1 antibody

ACAP1 Antibody (N-term)

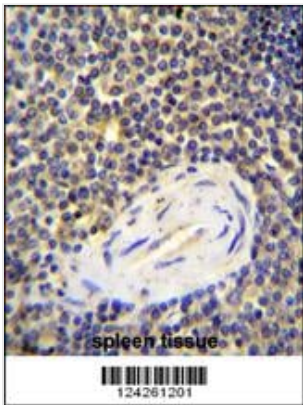
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA288201 | Rabbit | Human, mouse | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

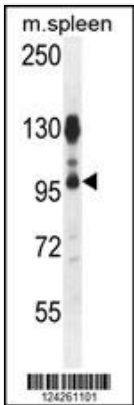
ACAP1; Polyclonal Antibody; ACAP1 Antibody (N-term); Arf-GAP with coiled-coil; ANK repeat and PH domain-containing protein 1; Centaurin-beta-1; Cnt-b1; CENTB1; KIAA0050; anti-ACAP1 antibody

### PRODUCT SPECIFICATIONS

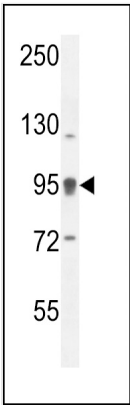
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This ACAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-125 amino acids from the N-terminal region of human ACAP1.        |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 96-125                                                                                                                                                                       |
| Sequence Length                                 | 740                                                                                                                                                                          |
| Applicable Applications for anti-ACAP1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohistochemisry)**  
ACAP1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ACAP1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
ACAP1 Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the ACAP1 antibody detected the ACAP1 protein (arrow).



**WB (Western Blot)**  
ACAP1 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the ACAP1 antibody detected the ACAP1 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACAP1 antibody | Catalyzes the transfer of Gal to GlcNAc-based acceptors with a preference for the core3 O-linked glycan GlcNAc(beta1,3)GalNAc structure. Can use glycolipid LC3Cer as an efficient acceptor.                                                                                                                         |
| Product Categories/Family for anti-ACAP1 antibody   | Signal Transduction                                                                                                                                                                                                                                                                                                  |
| References                                          | Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :<br>Cuthbert, E.J., et al. Am. J. Physiol., Cell Physiol. 294 (1), C263-C270 (2008) :<br>Li, J., et al. J. Cell Biol. 178(3):453-464(2007)<br>Wu, C., et al. Proteomics 7(11):1775-1785(2007)<br>Shinozaki-Narikawa, N., et al. Traffic 7(11):1539-1550(2006) |

NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 7661880        |
| NCBI GeneID               | 9744           |
| NCBI Accession #          | NP_055531.1    |
| NCBI GenBank Nucleotide # | NM_014716.3    |
| UniProt Accession #       | Q15027; Q53XN9 |

|                                         |                                                                         |
|-----------------------------------------|-------------------------------------------------------------------------|
| <b>Molecular Weight</b>                 | 81536                                                                   |
| <b>NCBI Official Full Name</b>          | arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 |
| <b>NCBI Official Synonym Full Names</b> | ArfGAP with coiled-coil, ankyrin repeat and PH domains 1                |
| <b>NCBI Official Symbol</b>             | ACAP1                                                                   |
| <b>NCBI Official Synonym Symbols</b>    | CENTB1                                                                  |
| <b>NCBI Protein Information</b>         | arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 |
| <b>UniProt Protein Name</b>             | Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 1 |
| <b>UniProt Gene Name</b>                | <b>ACAP1</b>                                                            |
| <b>UniProt Synonym Gene Names</b>       | CENTB1; KIAA0050; Cnt-b1                                                |
| <b>UniProt Entry Name</b>               | ACAP1_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/acap1-antibody-immunohistochemistry-western-blot-elisa/288201>