# AFAP1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | AFAP1, Polyclonal Antibody |
| **Full Product Name** | AFAP1 Antibody |
| **Product Gene Name** | anti-AFAP1 antibody |
| **Product Synonym Names** | AFAP; AFAP110; AFAP-110 |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| **Purity/Purification** | Antigen affinity purification. |
| **Specificity** | The antibody detects endogenous levels of total AFAP1 protein. |
| **Preparation and Storage** | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 80,725 Da |
| **Chromosome Location** | Chromosome: 4; NC_000004.11 (7760440..7941653, complement). Location: 4p16 |
| **OMIM** | 608252 |
| **3D Structure** | ModBase 3D Structure for Q8N556 |
| **Immunogen** | Fusion protein corresponding to residues near the C terminal of human Actin filament associated protein 1 |
| **Product Categories/Family for anti-AFAP1 antibody** | Primary Antibody |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-AFAP1 antibody** | Western Blot (WB), Immunohistochemistry (IHC) |
| **Application Notes for anti-AFAP1 antibody** | WB: 1:200-1:1000<br>IHC: 1:25-1:100 |
| **Related Product Information for anti-AFAP1 antibody** | The protein encoded by this gene is a Src binding partner. It may represent a potential modulator of actin filament integrity in response to cellular signals, and may function as an adaptor protein by linking Src family members and/or other signaling proteins to actin filaments. Multiple transcript variants encoding different isoforms have been found for this gene |
| **Other Notes** | Small volumes of anti-AFAP1 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 AFAP1 purchase** | MBS8589406 is an antibody targeting AFAP1. Also known as AFAP1 Antibody. Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AFAP1. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 197382472 |
| **NCBI GeneID** | 60312 |
| **NCBI Accession #** | NP_001128119.1 |
| **UniProt Primary Accession #** | Q8N556 |
| **UniProt Secondary Accession #** | Q59EY5; Q9HBY1; A8K442; B4DMU2; E9PDT7 |
| **UniProt Related Accession #** | Q8N556 |
| **GenBank Nucleotide #** | NM_001134647.1 |
| **NCBI Official Full Name** | actin filament-associated protein 1 isoform A |
| **NCBI Official Synonym Full Names** | actin filament associated protein 1 |
| **NCBI Official Symbol** | AFAP1 |
| **NCBI Official Synonym Symbols** | AFAP; AFAP110; AFAP-110 |
| **UniProt Protein Name** | Actin filament-associated protein 1 |
| **UniProt Synonym Protein Names** | 110 kDa actin filament-associated protein |
| **Protein Family** | Actin filament-associated protein |
| **UniProt Gene Name** | AFAP1 |
| **UniProt Synonym Gene Names** | AFAP; AFAP-110 |
| **UniProt Entry Name** | AFAP1_HUMAN |
| **NCBI Protein Information** | actin filament-associated protein 1; 110 kDa actin filament-associated protein; actin filament-associated protein, 110 kDa |
| **NCBI Summary for AFAP1** | The protein encoded by this gene is a Src binding partner. It may represent a potential modulator of actin filament integrity in response to cellular signals, and may function as an adaptor protein by linking Src family members and/or other signaling proteins to actin filaments. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008] |
| **UniProt Comments for AFAP1** | AFAP: Can cross-link actin filaments into both network and bundle structures. May modulate changes in actin filament integrity and induce lamellipodia formation. May function as an adapter molecule that links other proteins, such as SRC and PKC to the actin cytoskeleton. Seems to play a role in the development and progression of prostate adenocarcinoma by regulating cell-matrix adhesions and migration in the cancer cells.<br><br>Protein type: Adaptor/scaffold<br><br>Chromosomal Location of Human Ortholog: 4p16<br><br>Cellular Component: focal adhesion; cytoplasm; actin cytoskeleton<br><br>Molecular Function: actin binding<br><br>Biological Process: regulation of signal transduction; regulation of cytoskeleton organization and biogenesis |
| **Research Articles on AFAP1** | **1.** Methylation of the long noncoding RNA AFAP1-AS1 is reduced in BE and EAC, and its expression inhibits cancer-related biologic functions of EAC cells. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |

| | |
|---|---|
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/afap1/8589406