antibodies

Datasheet for ABIN1709569 anti-MYCBPAP antibody (AA 401-500) (FITC)



Overview

| Quantity: | 100 µL | |
|----------------------|---|--|
| Target: | MYCBPAP | |
| Binding Specificity: | AA 401-500 | |
| Reactivity: | Rat, Mouse | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This MYCBPAP antibody is conjugated to FITC | |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human MYCBPAP |
|-----------------------|---|
| Isotype: | lgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human |
| Purification: | Purified by Protein A. |

Target Details

| Target: | MYCBPAP |
|-------------------|----------------------------|
| Alternative Name: | MYCBPAP (MYCBPAP Products) |

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| Target Details | | |
|---------------------|---|--|
| Background: | Synonyms: AMAM-1, AMAP-1, AMAP1, AMY-1-binding protein 1, DKFZp434N1415, | |
| | MYBPP_HUMAN, MYCBP-associated protein, Mycbpap. | |
| | Background: AMAP-1 (AMY-1-binding protein 1), also known as AMAM-1 or MYCBPAP (MYCBP | |
| | associated protein), is a 947 amino acid protein that is expressed specifically in testis and is | |
| | involved in spermatogenesis and synaptic processes. AMAP-1 colocalizes with MYCBP (AMY- | |
| | 1) in cytoplasm and also localizes to membrane. The gene encoding AMAP-1 maps to human | |
| | chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 | |
| | genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and | |
| | BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by | |
| | moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 | |
| | expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, | |
| | BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic | |
| | determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, | |
| | prostate gland and fallopian tubes. | |
| Pathways: | Sensory Perception of Sound | |
| Application Details | | |
| Application Notes: | IF(IHC-P) 1:50-200 | |
| | IF(IHC-F) 1:50-200 | |
| | IF(ICC) 1:50-200 | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 1 μg/μL | |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. | |
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be | |
| | handled by trained staff only. | |
| Storage: | -20 °C | |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. | |

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Expiry Date:

12 months

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