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# PSRC1 Rabbit pAb

PSRC1 Rabbit pAb
Catalog # AP58693

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | Q6PGN9 |
| **Predicted** | Rat, Pig, Dog, Human, Mouse, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 38796 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human PSRC1 |
| **Epitope Specificity** | 101-200/363 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Cytoplasm. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=Detected at the mitotic spindle and spindle poles. Diffusely distributed throughout the cell during interphase. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | This gene encodes a proline rich protein. Studies of the related mouse gene suggest that this gene is regulated by p53 and may participate in p53 mediated growth suppression. Alternatively spliced transcript variants encoding different isoforms have been described. |

## Additional Information

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| **Gene ID** | 84722 |
| **Other Names** | Proline/serine-rich coiled-coil protein 1, PSRC1, DDA3 |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | PSRC1 |

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| **Synonyms** | DDA3 |
| **Function** | Required for normal progression through mitosis. Required for normal congress of chromosomes at the metaphase plate, and for normal rate of chromosomal segregation during anaphase. Plays a role in the regulation of mitotic spindle dynamics. Increases the rate of turnover of microtubules on metaphase spindles, and contributes to the generation of normal tension across sister kinetochores. Recruits KIF2A and ANKRD53 to the mitotic spindle and spindle poles. May participate in p53/TP53-regulated growth suppression. |
| **Cellular Location** | Cytoplasm. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=Detected at the mitotic spindle and spindle poles. Diffusely distributed throughout the cell during interphase |
| **Tissue Location** | Widely expressed in adult and fetal tissues, with highest expression in the adult brain and fetal thymus. Not detected in adult skeletal muscle. |

## Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.