10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# DBC1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9464a

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | O60477 |
| **Other Accession** | Q925T8, Q920P3, Q7ZZR3, Q5E9L2 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Bovine, Chicken, Rat, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB22619 |
| **Calculated MW** | 88760 |
| **Antigen Region** | 85-111 |

## Additional Information

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| **Gene ID** | 1620 |
| **Other Names** | BMP/retinoic acid-inducible neural-specific protein 1, Deleted in bladder cancer protein 1, BRINP1, DBC1, DBCCR1, FAM5A |
| **Target/Specificity** | This DBC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-111 amino acids from the N-terminal region of human DBC1. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **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. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | DBC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | BRINP1 |
| **Synonyms** | DBC1, DBCCR1, FAM5A |

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| **Function** | Plays a role in neurogenesis and brain development (By similarity). May suppress cell cycle progression in postmitotic neurons by inhibiting G1/S transition (PubMed:11420708). |
| **Cellular Location** | Cytoplasm |
| **Tissue Location** | Highly expressed in brain. Weakly expressed in heart, lung, skeletal muscle, kidney, thymus, prostate, testis and small intestine. |

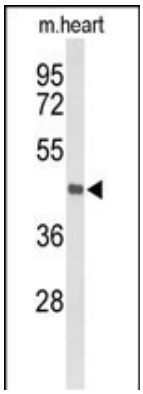
## Background

DBC1 is located within a chromosomal region that shows loss of heterozygosity in some bladder cancers. It contains a 5' CpG island that may be a frequent target of hypermethylation, and it may undergo hypermethylation-based silencing in some bladder cancers.

## References


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Gronbaek, K., et al. Mod. Pathol. 21(5):632-638(2008)
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Izumi, H., et al. Hum. Mol. Genet. 14(8):997-1007(2005)
Beetz, C., et al. Oncol. Rep. 13(2):335-340(2005)
Nishiyama, H., et al. Oncogene 20(23):2956-2964(2001)


## Images




Western blot analysis of DBC1 Antibody (N-term) (Cat. #AP9464a) in mouse heart tissue lysates (35ug/lane). DBC1 (arrow) was detected using the purified Pab.


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