

Rabbit DBC2 Polyclonal Antibody | anti-DBC2 antibody

DBC2 (N15) Antibody

CATALOG # AAA63016	HOST Rabbit	REACTIVITY Mouse, rat, human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DBC2; Polyclonal Antibody; DBC2 (N15) Antibody; anti-DBC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, rat, human
Clonality	Polyclonal
Specificity	Mouse, rat, and human DBC2
Form/Format	200 ug/ml rabbit polyclonal IgG in 1 ml PBS containing 0.1 % sodium azide and 0.2% gelatin.
Concentration	0.200 mg/ml (varies by lot)
Sequence Length	727
Applicable Applications for anti-DBC2 antibody	WB (Western Blot)
Origin	DBC2 (N15) is provided as an affinity purified rabbit polyclonal antibody, raised against a peptide mapping to the amino terminal domain of human DBC2.
Immunogen	Synthetic peptide mapping to the amino terminal domain of human DBC2
Preparation and Storage	Store this product at 4 degree C, do not freeze. The product is stable for one year from the date of shipment.

ADDITIONAL INFORMATION

Related Product Information for anti-DBC2 antibody	Representational difference analysis (RDA) was the technique used to map a region on human chromosome 8p21 that contained a homozygous deletion several of the breast cancer specimens studied (1). The mapping of this region led to the identification of a gene with somatic mutations in breast cancer cells (1). This expression of this gene DBC2 (deleted in breast cancer) was extinguished in about half of the breast and lung cancer specimens that were examined, making it a good tumor suppressor candidate (1). The functional analysis of DBC2 found that expression of DBC2 in breast cancer cells missing DBC2 transcripts resulted growth inhibition (1).
References	1.) Siripurapu V, Meth J, Kobayashi N, Hamaguchi M. 2005. DBC2 significantly influences cell-cycle, apoptosis, cytoskeleton and membrane-trafficking pathways. J Mol Biol. Feb 11;346(1):83-9.2.) Yoshihara T, Collado D, Hamaguchi M. 2007, Cyclin D1 down-regulation is essential for DBC2's tumor suppressor function. Biochem Biophys Res Commun. Jul 13;358(4):1076-9. 1. Hamaguchi M, Meth JL, von Klitzing C, Wei W, Esposito D, Rodgers L, Walsh T, Welch P, King MC, Wigler MH. 2002. DBC2, a candidate for a tumor suppressor gene involved in breast cancer. PNAS USA 99(21):13647-13652.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12667516
NCBI GeneID	23221

UniProt Accession #	Q9BYZ6; O94825; Q8N4A8; Q9BZK6; A8K9Z8; D3DSR8; E9PBU2; E9PEI7
Molecular Weight	83,469 Da
NCBI Official Full Name	DBC2
NCBI Official Synonym Full Names	Rho-related BTB domain containing 2
NCBI Official Symbol	RHOBTB2
NCBI Official Synonym Symbols	DBC2
NCBI Protein Information	rho-related BTB domain-containing protein 2; deleted in breast cancer 2 gene protein; p83
UniProt Protein Name	Rho-related BTB domain-containing protein 2
UniProt Gene Name	RHOBTB2
UniProt Synonym Gene Names	DBC2; KIAA0717
UniProt Entry Name	RHBT2_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/dbc2-antibody-western-blot-elisa/63016>