

KIAA1967 Antibody

Catalog No: #33965

Package Size: #33965-1 50ul #33965-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

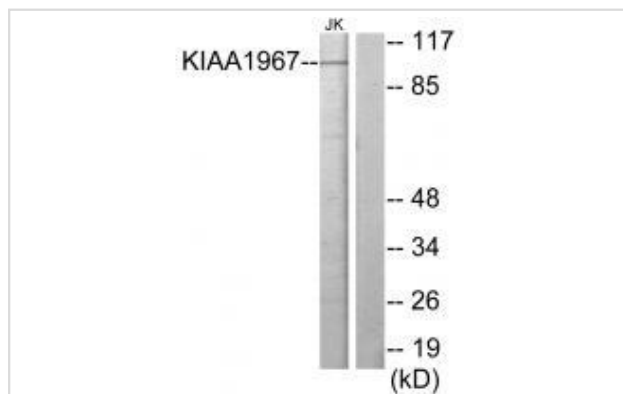
Description

Product Name	KIAA1967 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KIAA1967 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KIAA1967.
Target Name	KIAA1967
Other Names	Protein KIAA1967; Deleted in breast cancer gene 1 protein; DBC.1; DBC-1; p30 DBC
Accession No.	Swiss-Prot: Q8N163NCBI Gene ID: 57805
SDS-PAGE MW	102kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using KIAA1967 antibody #33965.

Background

Core component of the DBIRD complex, a multiprotein complex that acts at the interface between core mRNP particles and RNA polymerase II

(RNAPII) and integrates transcript elongation with the regulation of alternative splicing: the DBIRD complex affects local transcript elongation rates and alternative splicing of a large set of exons embedded in (A + T)-rich DNA regions. Inhibits SIRT1 deacetylase activity leading to increasing levels of p53/TP53 acetylation and p53-mediated apoptosis. Inhibits SUV39H1 methyltransferase activity. As part of a histone H3-specific methyltransferase complex may mediate ligand-dependent transcriptional activation by nuclear hormone receptors. Plays a critical role in maintaining genomic stability and cellular integrity following UV-induced genotoxic stress.

Nagase T., DNA Res. 8:319-327(2001).

Hamaguchi M., Proc. Natl. Acad. Sci. U.S.A. 99:13647-13652(2002).

Olsen J.V., Cell 127:635-648(2006).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.