Datasheet for ABIN967111

anti-OBFC1 antibody (N-Term)

5 Publications

Go to Product page

Overview

Quantity:	0.1 mg
Target:	OBFC1
Binding Specificity:	N-Term
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to near N-terminal residues of Baker's Yeast (Saccharomyces cerevisiae) STN1 (Protein STN1)

Target Details

Target:	OBFC1
Alternative Name:	STN1 (OBFC1 Products)
Background:	STN1 (Protein STN1) has a role in telomere length regulation and telomere end protection. Acts as an inhibitor of telomerase loading through its interaction with CDC13. STN1 (Protein STN1)interacts with CDC13 and TEN1. STN1 may localize in Telomere and it is similar to YDR082W STN1 Telomere end-binding and capping protein, plays a key role with Pol12p in linking telomerase action with completion of lagging strand synthesis, and in a regulatory step required for telomere capping. Synonyms: D4456, YD8554.15

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Application Details

Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:

Van Meir, Roemer, Diserens, Kikuchi, Rempel, Haas, Huang, Friedmann, de Tribolet, Cavenee: " Single cell monitoring of growth arrest and morphological changes induced by transfer of wild-type p53 alleles to glioblastoma cells." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 92, Issue 4, pp. 1008-12, (1995) (PubMed).

Jacquemier, Molès, Penault-Llorca, Adélaide, Torrente, Viens, Birnbaum, Theillet: "p53 immunohistochemical analysis in breast cancer with four monoclonal antibodies: comparison of staining and PCR-SSCP results." in: **British journal of cancer**, Vol. 69, Issue 5, pp. 846-52, (1994) (PubMed).

Mørkve, Halvorsen, Stangeland, Gulsvik, Laerum: "Quantitation of biological tumor markers (p53, c-myc, Ki-67 and DNA ploidy) by multiparameter flow cytometry in non-small-cell lung cancer." in: **International journal of cancer. Journal international du cancer**, Vol. 52, Issue 6, pp. 851-5, (1993) (PubMed).

van den Berg, Baas, Polak, Offerhaus: "Detection of p53 overexpression in routinely paraffin-embedded tissue of human carcinomas using a novel target unmasking fluid." in: **The American journal of pathology**, Vol. 142, Issue 2, pp. 381-5, (1993) (PubMed).

Yeargin, Cheng, Yu, Gjerset, Bogart, Haas: "P53 mutation in acute T cell lymphoblastic leukemia is of somatic origin and is stable during establishment of T cell acute lymphoblastic leukemia cell lines." in: **The Journal of clinical investigation**, Vol. 91, Issue 5, pp. 2111-7, (1993) (PubMed).