Datasheet for ABIN966713

anti-SLC25A11 antibody (N-Term)

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Overview

Quantity:	0.1 mg
Target:	SLC25A11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human OGCP(Mitochondrial 2-oxoglutarate/malate carrier protein)

Target Details

Target:	SLC25A11
Alternative Name:	OGCP (SLC25A11 Products)
Background:	OGCP(Mitochondrial 2-oxoglutarate/malate carrier protein) catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism. OGCP is located in mitochondrion inner membrane and is a multi-pass membrane protein. OGCP belongs to the mitochondrial carrier family and contains 3 Solcar repeats.

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Target Details

	Synonyms: SLC25A11 (Solute carrier family 25 member 11), SLC20A4,
Pathways:	Dicarboxylic Acid Transport

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).

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