
anti-VDAC1

Cat #: HM1391
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

The Voltage-Dependent Anion Channels (VDAC) are outer membrane mitochondrial proteins. They form the major pores through which adenine nucleotides cross the outer mitochondrial membrane. Together with adenine nucleotide translocator (ANT) VDAC1 and VDAC2 form the permeability transition pore complex (PTPC) of the mitochondria. The complex is thought to allow the mitochondria to undergo metabolic uncoupling and irreversible morphologic changes that ultimately destroy the mitochondria during apoptosis.

SPECIFICITY

This antibody specifically reacts with VDAC1 of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

A synthetic peptide derived from N-terminus of human VDAC1 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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