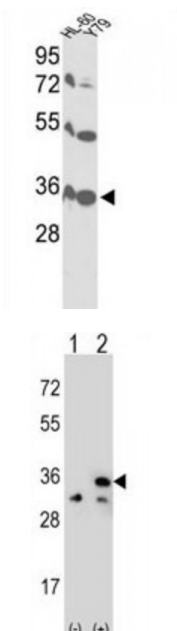
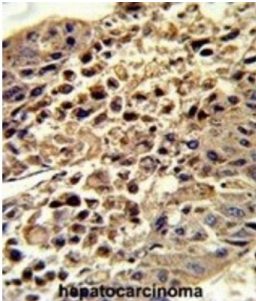


Voltage-Dependent Anion-Selective Channel Protein 1 (VDAC1) Antibody

Catalogue No.: abx032902



VDAC1 forms a channel through the mitochondrial outer membrane and also the plasma membrane. The channel at the outer mitochondrial membrane allows diffusion of small hydrophilic molecules; in the plasma membrane it is involved in cell volume regulation and apoptosis. It adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective. The protein may participate in the formation of the permeability transition pore complex (PTPC) responsible for the release of mitochondrial products that triggers apoptosis.

Target:	VDAC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal

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Tested Applications: WB, IHC, FCM

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human VDAC1.

Purification: Purified Rabbit Polyclonal Antibody.

Isotype: IgG

Conjugation: Unconjugated

Specificity: This VDAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-124 amino acids from the Central region of human VDAC1.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P21796](#)

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Note: This product is for research use only.