

## VDAC1 RABBIT MAB

**Cat.#:** N263063

**Product Name:** Anti-VDAC1 Rabbit Monoclonal Antibody

**Synonyms:** VDAC1; PORIN; PORIN-31-HL

**UNIPROT ID:** P21796

**Background:** Voltage-dependent anion channel (VDAC), ubiquitously expressed and located in the outer mitochondrial membrane, is generally thought to be the primary means by which metabolites diffuse in and out of the mitochondria. In addition, this channel plays a role in apoptotic signaling. The change in mitochondrial permeability characteristic of apoptosis is mediated by Bcl-2 family proteins, which bind to VDAC, altering the channel kinetics.

**Immunogen:** A synthetic peptide of human VDAC1

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R05-7F2

**MW:** Calculated MW: 31 kDa; Observed MW: 31 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

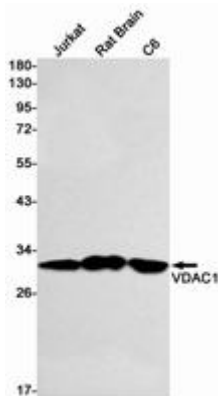
**Conjugation:** Unconjugated

**Modification:** Unmodified

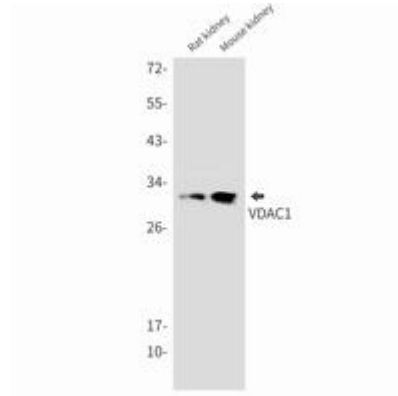
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Tags & Cell Markers

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



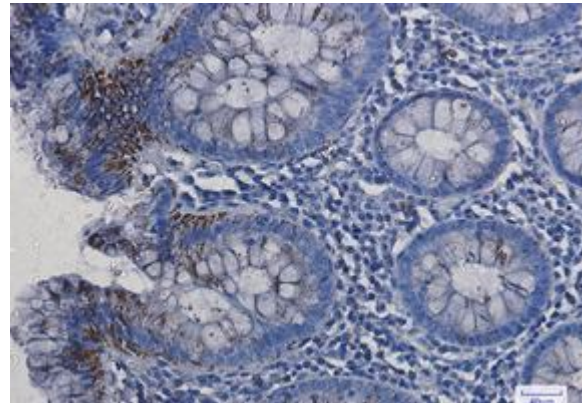
Western blot analysis of VDAC1 in Jurkat, rat Brain, C6 lysates using VDAC1 antibody



Western blot analysis of VDAC1 in rat kidney, mouse kidney lysates using VDAC1 antibody.



Western blot analysis of VDAC1 in 293 lysates using VDAC1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using VDAC1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.