

## Anti-VDAC1 Polyclonal Antibody

Cat: AC50734

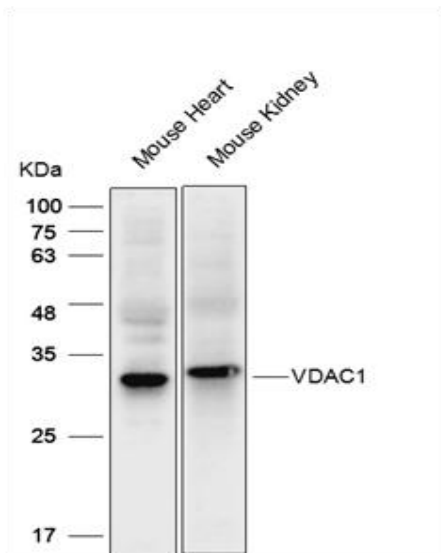
### Summary:

- 【Product name】** : Anti-VDAC1 antibody      **【Source】** : Rabbit  
**【Isotype】** : IgG      **【Species reactivity】** : Human, Mouse, Rat  
**【Swiss Prot】** : P21796      **【Gene ID】** : 7416  
**【Calculated】** : MW: 31kDa      **【Observed】** : MW: 31kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB IHC  
**【Recommended dilution】** : WB 1:500-2000. IHC 1:100-200.  
**【WB Positive sample】** : Mouse heart, Mouse kidney  
**【IHC Positive sample】** : Human Pancreatic cancer  
**【Subcellular location】** : Cell membrane Membrane raft Mitochondrion outer membrane Multi-pass membrane protein.  
**【Immunogen】** : Recombinant protein of human VDAC1.  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

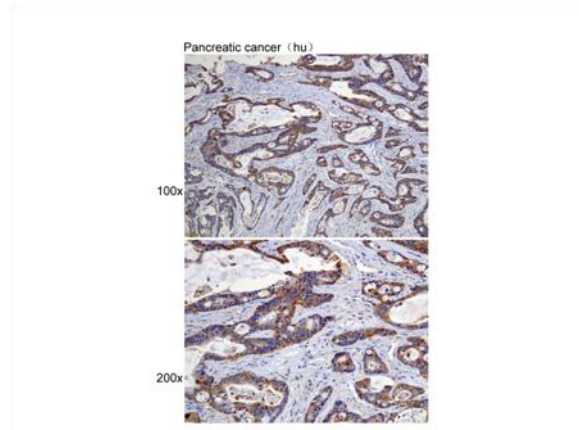
### Background:

This gene encodes a voltage-dependent anion channel protein that is a major component of the outer mitochondrial membrane. The encoded protein facilitates the exchange of metabolites and ions across the outer mitochondrial membrane and may regulate mitochondrial functions. This protein also forms channels in the plasma membrane and may be involved in transmembrane electron transport. Alternate splicing results in multiple transcript variants. Multiple pseudogenes of this gene are found on chromosomes 1, 2 3, 6, 9, 12, X and Y.

## Verified picture



Western blot analysis with VDAC1 antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Human pancreatic cancer with VDAC1 antibody diluted at 1:100