

## VDAC1 Polyclonal Antibody

<b>Catalog No.</b>	A15735	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB, IHC, IF	<b>Observed MW</b>	36kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	30kDa

### Immunogen Information

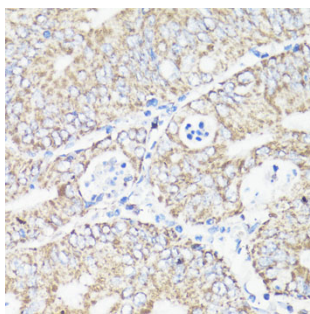
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC1 (NP_003365.1).
<b>Gene ID</b>	7416
<b>Swiss prot</b>	P21796
<b>Synonyms</b>	VDAC1; PORIN; VDAC-1; voltage dependent anion channel 1

### Product information

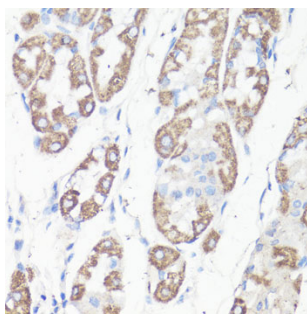
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### 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.



Immunohistochemistry - VDAC1 Polyclonal Antibody (A15735)



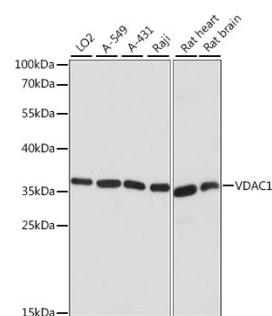
Immunohistochemistry - VDAC1 Polyclonal Antibody (A15735)

### Recommended Dilutions

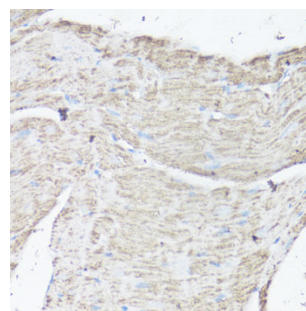
WB 1:500 -  
1:2000

IHC 1:50 -  
1:200

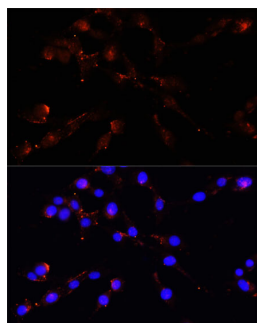
IF 1:50 -  
1:200



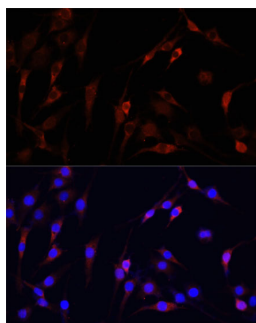
Western blot - VDAC1 Polyclonal Antibody (A15735)



Immunohistochemistry - VDAC1 Polyclonal Antibody (A15735)



Immunofluorescence - VDAC1 Polyclonal Antibody (A15735)



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