

ARG45186 anti-VDAC3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes VDAC3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	VDAC3
Species	Human
Immunogen	Recombinant protein containing to human VDAC3.
Conjugation	Un-conjugated
Alternate Names	Mediator of RNA polymerase II transcription subunit 14; Activator-recruited cofactor 150 kDa component; ARC150; Cofactor required for Sp1 transcriptional activation subunit 2; CRSP complex subunit 2; Mediator complex subunit 14; RGR1 homolog; hRGR1; Thyroid hormone receptor-associated protein complex 170 kDa component; Trap170; Transcriptional coactivator CRSP150; Vitamin D3 receptor-interacting protein complex 150 kDa component; DRIP150; MED14; ARC150; CRSP2; CXorf4; DRIP150; EXLM1; RGR1; TRAP170

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	31 kDa	

Properties

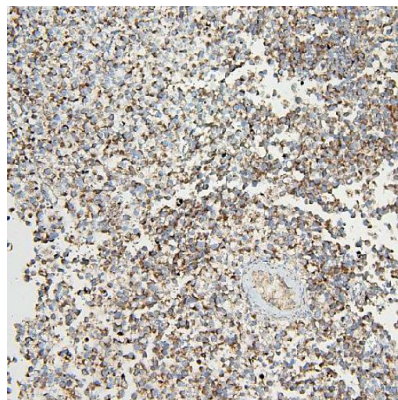
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

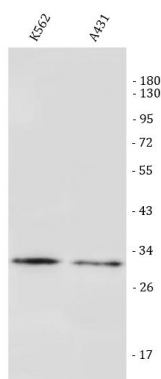
Gene Symbol	VDAC3
Gene Full Name	Voltage Dependent Anion Channel 3
Background	This gene encodes a voltage-dependent anion channel (VDAC), and belongs to the mitochondrial porin family. VDACs are small, integral membrane proteins that traverse the outer mitochondrial membrane and conduct ATP and other small metabolites. They are known to bind several kinases of intermediary metabolism, thought to be involved in translocation of adenine nucleotides, and are hypothesized to form part of the mitochondrial permeability transition pore, which results in the release of cytochrome c at the onset of apoptotic cell death. Alternatively transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]
Function	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. [UniProt]
Calculated Mw	31 kDa
PTM	Acetylation; Isopeptide bond; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Membrane; Mitochondrion; Mitochondrion outer membrane. [UniProt]

Images



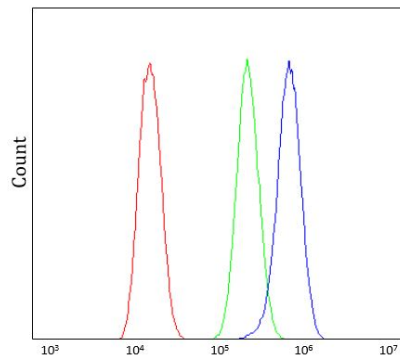
ARG45186 anti-VDAC3 antibody IHC-P image

Immunohistochemistry: Human testis cancer stained with ARG45186 anti-VDAC3 antibody at 2 µg/ml dilution.



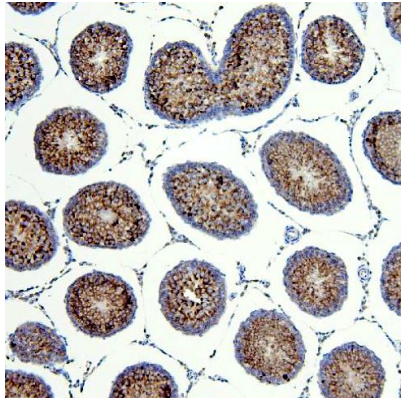
ARG45186 anti-VDAC3 antibody WB image

Western blot: K562 and A431 stained with ARG45186 anti-VDAC3 antibody at 0.5 µg/ml dilution.



ARG45186 anti-VDAC3 antibody FACS image

Flow Cytometry: U2OS stained with ARG45186 anti-VDAC3 antibody at $1\text{ }\mu\text{g}/10^6$ cells dilution.



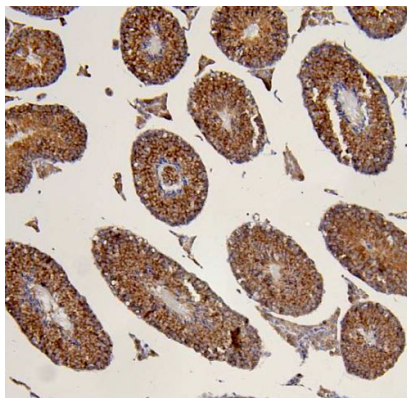
ARG45186 anti-VDAC3 antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG45186 anti-VDAC3 antibody at $2\text{ }\mu\text{g}/\text{ml}$ dilution.



ARG45186 anti-VDAC3 antibody WB image

Western blot: Rat heart and Rat kidney stained with ARG45186 anti-VDAC3 antibody at $0.5\text{ }\mu\text{g}/\text{ml}$ dilution.



ARG45186 anti-VDAC3 antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG45186 anti-VDAC3 antibody at $2\text{ }\mu\text{g}/\text{ml}$ dilution.

ARG45186 anti-VDAC3 antibody WB image

Western blot: Mouse heart stained with ARG45186 anti-VDAC3 antibody at 0.5 µg/ml dilution.

