

Rabbit VDAC2 Polyclonal Antibody | anti-VDAC2 antibody

VDAC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322043	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

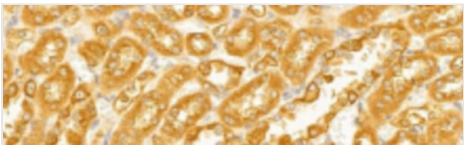
PRODUCT SYNONYMS

VDAC2; Polyclonal Antibody; VDAC2 Antibody; B-36 vdac; FLJ23841; hVDAC2; OTTHUMP00000019878; OTTHUMP00000019879; OTTHUMP00000019880; Outer mitochondrial membrane protein porin 2; POR; Porin-2; VDAC 2; VDAC-2; VDAC2_HUMAN; Vdac6; Voltage dependent anion channel 2; Voltage dependent anion selective channel protein 2; Voltage-dependent anion-selective channel protein 2; anti-VDAC2 antibody

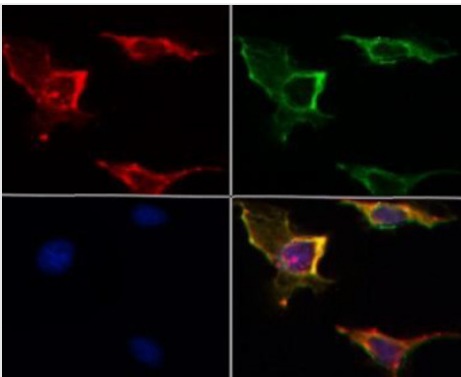
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	VDAC2 antibody detects endogenous levels of total VDAC2
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	309
Applicable Applications for anti-VDAC2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VDAC2, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

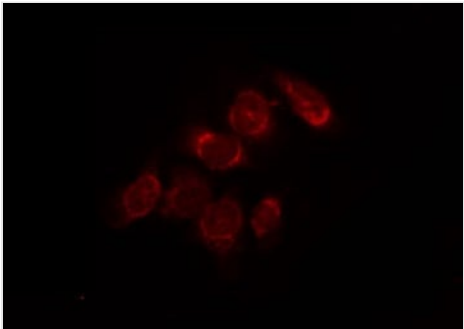
IMAGES



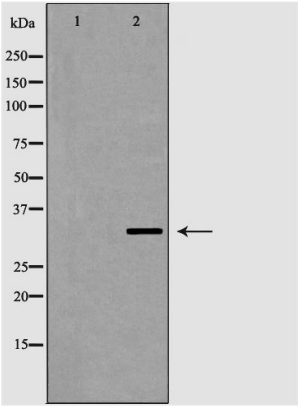
IHC (Immunohistochemistry)
AAA322043 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



IF (Immunofluorescence)
AAA322043 staining HepG2 by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA322043 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IF (Immunofluorescence)
AAA322043 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of VDAC2 expression in HeLa. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-VDAC2 antibody	Description: Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel 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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	296317337
NCBI GeneID	7417
NCBI Accession #	NP_001171712.1
NCBI GenBank Nucleotide #	NM_001184783.2
UniProt Accession #	P45880; Q5VWK1; Q5VWK3; Q6IB40; Q7L3J5; Q9BWK8; Q9Y5I6
Molecular Weight	Observed: 32 kDa Predicted: 32 kDa
NCBI Official Full Name	voltage-dependent anion-selective channel protein 2 isoform 1

NCBI Official Synonym Full Names	voltage dependent anion channel 2
NCBI Official Symbol	VDAC2
NCBI Official Synonym Symbols	POR
NCBI Protein Information	voltage-dependent anion-selective channel protein 2
UniProt Protein Name	Voltage-dependent anion-selective channel protein 2
UniProt Gene Name	VDAC2
UniProt Synonym Gene Names	VDAC-2; hVDAC2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/vdac2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322043>