

VDAC Rabbit mAb (AR1163)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	31kD (Calculated) 33kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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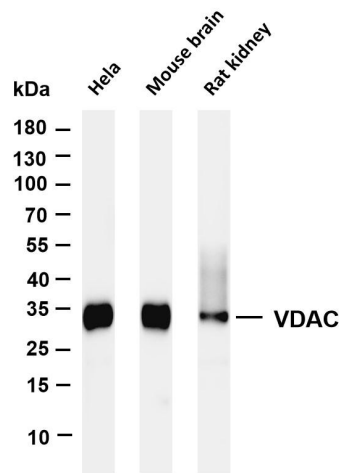
Target Information

Gene name	VDAC
Protein Name	Voltage-dependent anion-selective channel protein

Organism	Gene ID	UniProt ID
Human	7416	P21796
Mouse	22333	Q60932
Rat	83529	Q9Z2L0

Cellular Localization	Cytoplasm, Membrane
Tissue specificity	Expressed in erythrocytes (at protein level) (PubMed:27641616). Expressed in heart, liver and skeletal muscle (PubMed:8420959).

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-VDAC antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

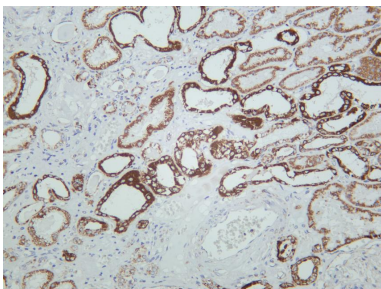
Lane 1: HeLa

Lane 2: Mouse brain

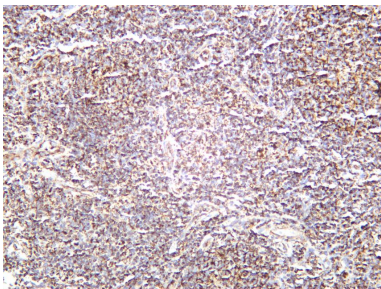
Lane 3: Rat kidney

Predicted band size: 31kDa

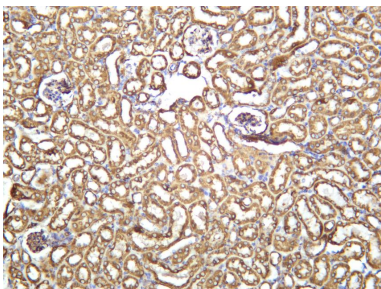
Observed band size: 33kDa



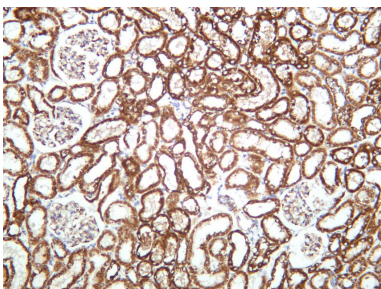
Human kidney was stained with anti-VDAC rabbit antibody



Human tonsil was stained with anti-VDAC rabbit antibody



Mouse kidney was stained with anti-VDAC rabbit antibody



Rat kidney was stained with anti-VDAC rabbit antibody