

**[KO Validated] VDAC2 Rabbit mAb****Catalog No.: A21260**

Recombinant

1 Publications

**Basic Information****Observed MW**

30 kDa

**Calculated MW**

32 kDa

**Category**

Monoclonal Antibodies

**Applications**

WB, IHC-P, ELISA

**Cross Reactivity**

Human, Mouse, Rat

**Clone No.**

ARC53370

**Background**

This gene encodes a member of the voltage-dependent anion channel pore-forming family of proteins that are considered the main pathway for metabolite diffusion across the mitochondrial outer membrane. The encoded protein is also thought to be involved in the mitochondrial apoptotic pathway via regulation of BCL2-antagonist/killer 1 protein activity. Pseudogenes have been identified on chromosomes 1, 2, 12 and 21, and alternative splicing results in multiple transcript variants.

**Recommended Dilutions****WB** 1:1000 - 1:5000**IHC-P** 1:50 - 1:200**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Immunogen Information****Gene ID**

7417

**Swiss-Prot**

P45880

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

POR; VDAC2

**Contact** | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)**Product Information****Source**

Rabbit

**Isotype**

IgG

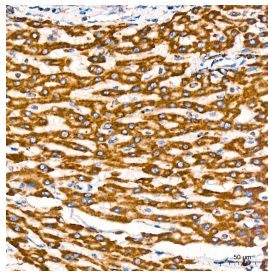
**Purity**

Affinity purification

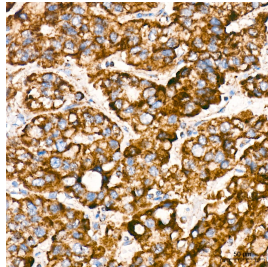
**Storage**

Store at -20°C

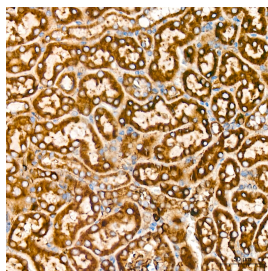
## Validation Data



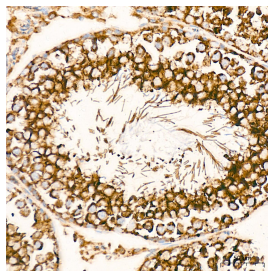
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using [KO Validated] VDAC2 Rabbit mAb (A21260) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



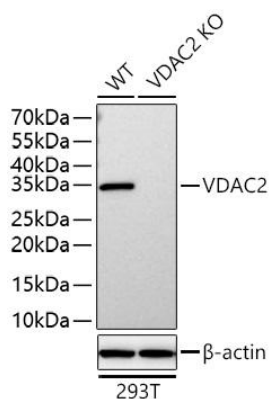
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using [KO Validated] VDAC2 Rabbit mAb (A21260) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using [KO Validated] VDAC2 Rabbit mAb (A21260) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KO Validated] VDAC2 Rabbit mAb (A21260) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Western blot analysis of lysates from wild type (WT) and VDAC2 knockout (KO) 293T cells using [KO Validated] VDAC2 Rabbit mAb (A21260) at 1:2000 dilution incubated overnight at 4°C.

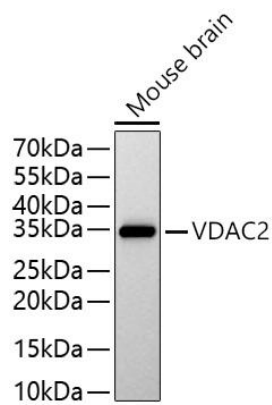
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10 s.



Western blot analysis of lysates from Mouse brain using [KO Validated] VDAC2 Rabbit mAb (A21260) at 1:2000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10 s.