

VDAC2 Rabbit mAb

Catalog No.: A21260 **Recombinant**

Basic Information

Observed MW

30kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

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	1:2000 - 1:20000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

7417

Swiss Prot

P45880

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human VDAC2 (NP_003366.2).

Synonyms

POR; VDAC2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

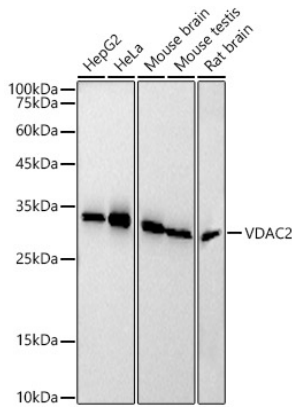
Affinity purification

Storage

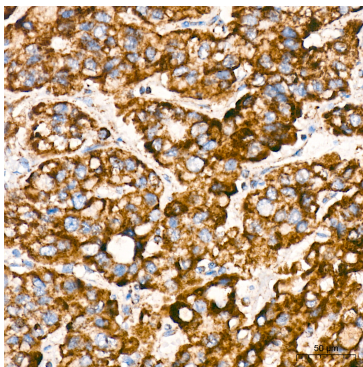
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

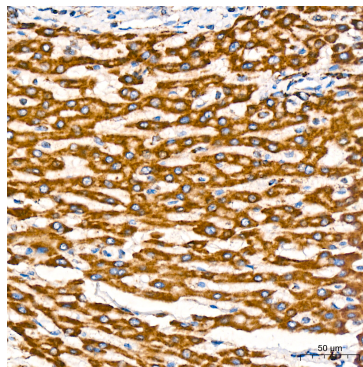
Validation Data



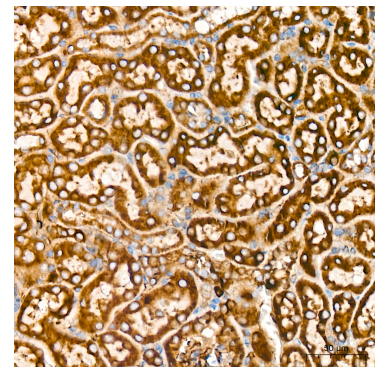
Western blot analysis of various lysates, using VDAC2 Rabbit mAb (A21260) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



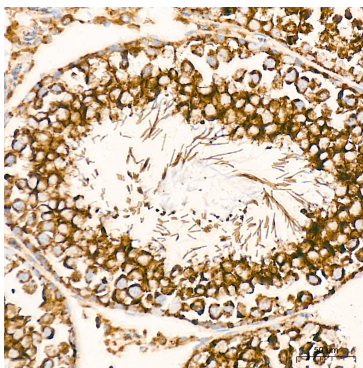
Immunohistochemistry analysis of VDAC2 in paraffin-embedded human liver cancer tissue using VDAC2 Rabbit mAb (A21260) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of VDAC2 in paraffin-embedded human liver tissue using 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 VDAC2 in paraffin-embedded mouse kidney tissue using 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 VDAC2 in paraffin-embedded rat testis tissue using 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.