

A21730

Leader in Biomolecular Solutions for Life Science



[KD Validated] VDAC1 Rabbit pAb

Catalog No.: A21730

Basic Information

Observed MW

32kDa

Calculated MW

31kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a voltage-dependent anion channel protein that is a major component of the outer mitochondrial membrane. The encoded protein facilitates the exchange of metabolites and ions across the outer mitochondrial membrane and may regulate mitochondrial functions. This protein also forms channels in the plasma membrane and may be involved in transmembrane electron transport. Alternate splicing results in multiple transcript variants. Multiple pseudogenes of this gene are found on chromosomes 1, 2, 3, 6, 9, 12, X and Y.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

7416

Swiss Prot

P21796

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC1 (NP_003365.1).

Synonyms

PORIN; VDAC-1; [KD Validated] VDAC1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

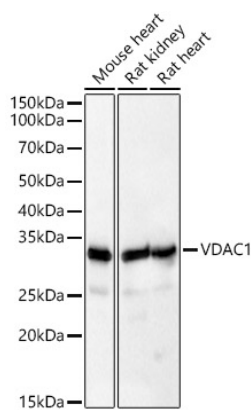
Affinity purification

Storage

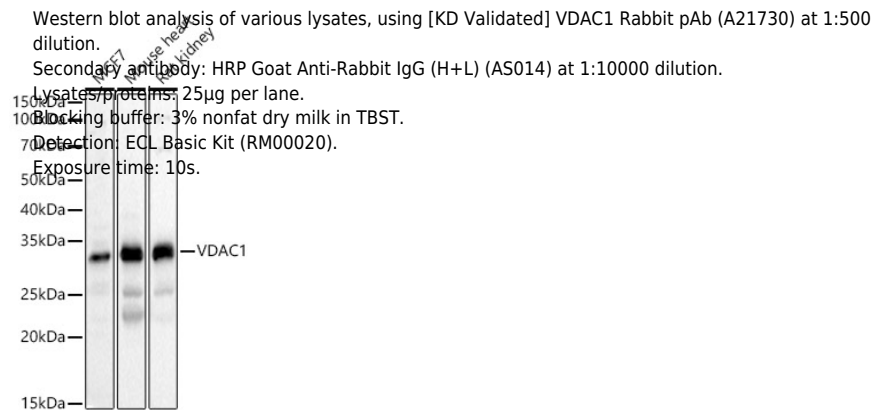
Store at -20°C. Avoid freeze / thaw cycles.

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

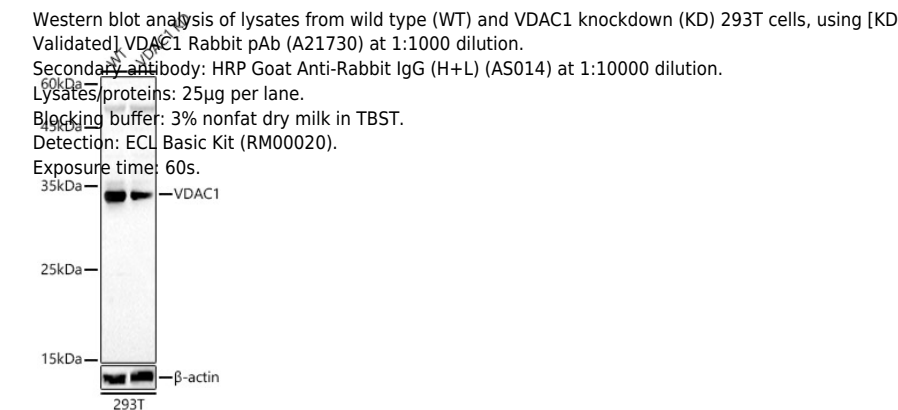
Validation Data



Western blot analysis of various lysates, using [KD Validated] VDAC1 Rabbit pAb (A21730) at 1:600 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: 10s.

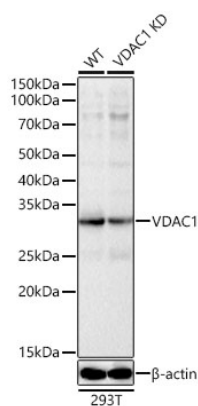


Western blot analysis of various lysates, using [KD Validated] VDAC1 Rabbit pAb (A21730) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of lysates from wild type (WT) and VDAC1 knockdown (KD) 293T cells, using [KD Validated] VDAC1 Rabbit pAb (A21730) at 1:1000 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: 60s.

Validation Data



Western blot analysis of lysates from wild type(WT) and VDAC1 knockdown (KD) 293T cells, using [KD Validated] VDAC1 Rabbit pAb (A21730) at 1:600 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: 10s.

Western blot analysis of lysates from wild type(WT) and VDAC1 knockdown (KD) 293T cells, using [KD Validated] VDAC1 Rabbit pAb (A21730) at 1:500 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: 10s.

