

VDAC1 antibody [N1C2]

Cat. No. GTX114187

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Reference (20)

★★★★☆ Review (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 31 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.35 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human VDAC1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

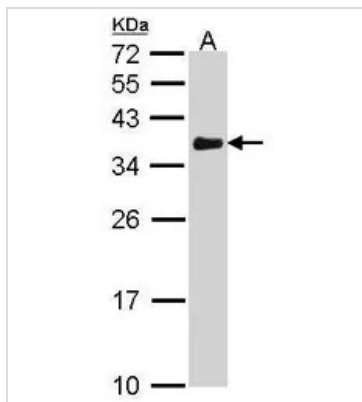
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DATA IMAGES



GTX114187 WB Image

Sample (30 µg of whole cell lysate)

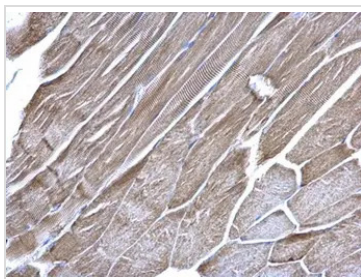
A: A431 (GTX27909)

12% SDS PAGE

VDAC1 antibody

GTX114187 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



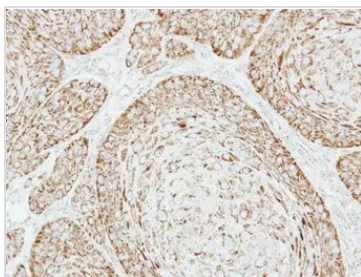
GTX114187 IHC-P Image

VDAC1 antibody [N1C2] detects VDAC1 protein at mitochondria on mouse muscle by immunohistochemical analysis.

Sample: Paraffin-embedded mouse muscle.

VDAC1 antibody [N1C2] (GTX114187) dilution: 1:500.

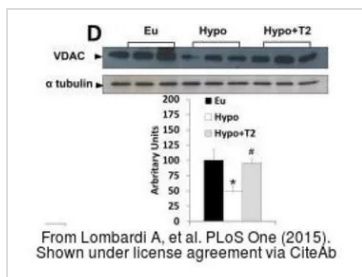
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX114187 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using VDAC1(GTX114187) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX114187 WB Image

The data was published in the journal PLoS One in 2015. [PMID: 25658324](https://pubmed.ncbi.nlm.nih.gov/25658324/)



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