

Product datasheet for **TA308959**

VDAC1 Rabbit Polyclonal Antibody

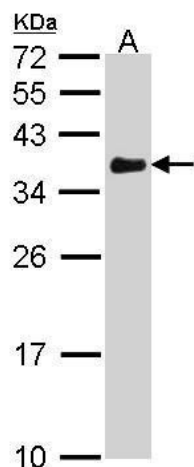
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:1000, IHC 1:100 - 1:1000
Reactivity:	Human, Mouse, Monkey, Dog
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 211 of VDAC1 (Uniprot ID#P21796)
Formulation:	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	voltage dependent anion channel 1
Database Link:	NP_003365 Entrez Gene 22333 Mouse Entrez Gene 474681 Dog Entrez Gene 710045 Monkey Entrez Gene 7416 Human P21796
Synonyms:	PORIN; VDAC-1
Note:	Seq homology of immunogen across species: Chicken (93%), Pig (98%), Rabbit (99%), Rat (97%), Xenopus laevis (85%), Bovine (99%), Xenopus tropicalis (87%)
Protein Families:	Ion Channels: Other
Protein Pathways:	Calcium signaling pathway, Huntington's disease, Parkinson's disease

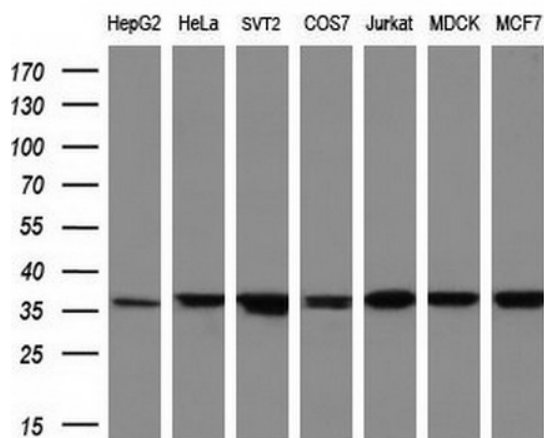


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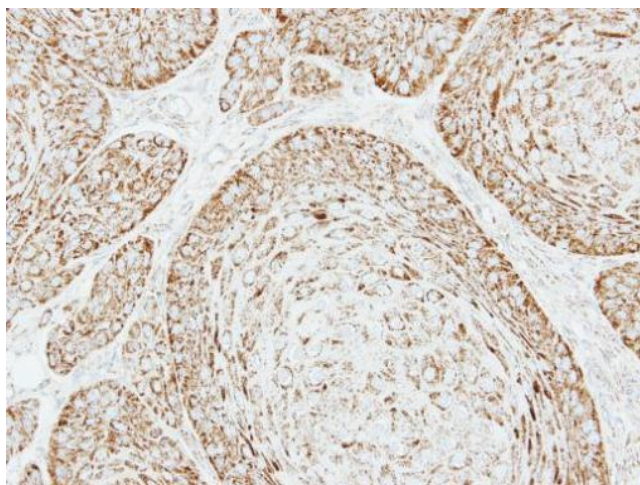
Product images:



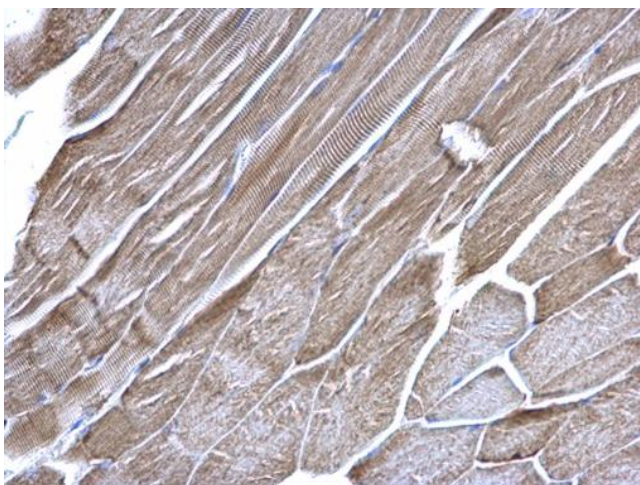
Sample (30 ug of whole cell lysate). A: A431. 12% SDS PAGE. VDAC1 antibody. TA308959 diluted at 1:1000.



Western blot analysis of extracts (10ug) from 7 different cell lines by using anti-VDAC1 Polyclonal antibody (1:1000).



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using VDAC1 (TA308959) antibody at 1:500 dilution.



VDAC1 antibody [N1C2] detects VDAC1 protein at mitochondria on mouse muscle by immunohistochemical analysis. Sample: Paraffin-embedded mouse muscle. VDAC1 antibody [N1C2] (TA308959) dilution: 1:500.