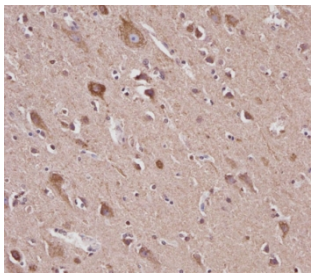
VDAC2 Antibody (F54504)

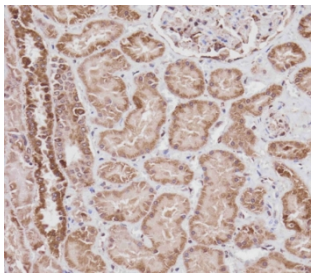
Catalog No.	Formulation	Size
F54504-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54504-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

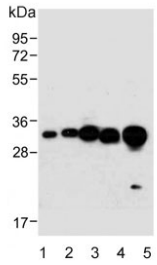
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P45880
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This VDAC2 antibody is available for research use only.



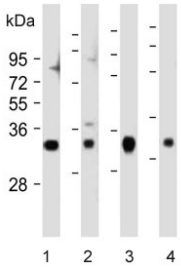
IHC testing of FFPE human brain tissue with VDAC2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human kidney tissue with VDAC2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of 1) human NCI-H1299, 2) human HCT-116, 3) human PC-3, 4) mouse heart and 5) rat heart lysate with VDAC2 antibody. Predicted molecular weight: ~32 kDa.



Western blot testing of 1) human HCT-116, 2) human NCI-H1299, 3) human PC-3 and 4) mouse brain lysate with VDAC2 antibody. Predicted molecular weight: ~32 kDa.

Description

Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation- selective.

Application Notes

The stated application concentrations are suggested starting points. Titration of the VDAC2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the VDAC2 antibody.

Storage

Aliquot the VDAC2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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