Datasheet for ABIN6736446

anti-VDAC2 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	VDAC2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Pig, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Bat, Monkey, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VDAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human VDAC2 (NP_003366). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Platypus (100%), Turkey, Chicken, Xenopus (92%), Zebra finch, Lizard, Seabass, Smelt, Zebrafish, Mosquito (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human VDAC2

Product Details

Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig (100%) Chicken, Xenopus (92%) Zebrafish (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	VDAC2
Alternative Name:	VDAC2 / POR (VDAC2 Products)
Background:	Name/Gene ID: VDAC2 Subfamily: VDAC porin Family: Ion Channel Synonyms: VDAC2, B-36 vdac, HVDAC2, Porin-2, VDAC-2, Vdac6
Gene ID:	7417
NCBI Accession:	NP_003366
UniProt:	P45880

Application Details

Application Notes:	Approved: IHC, IHC-P (2.5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2.5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

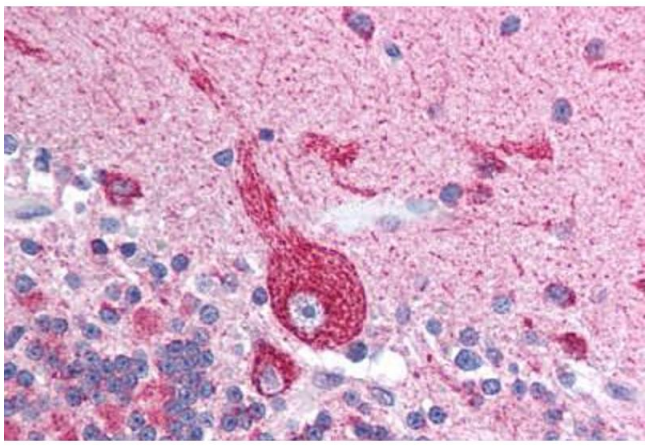
Handling

Format:	Lyophilized

Handling

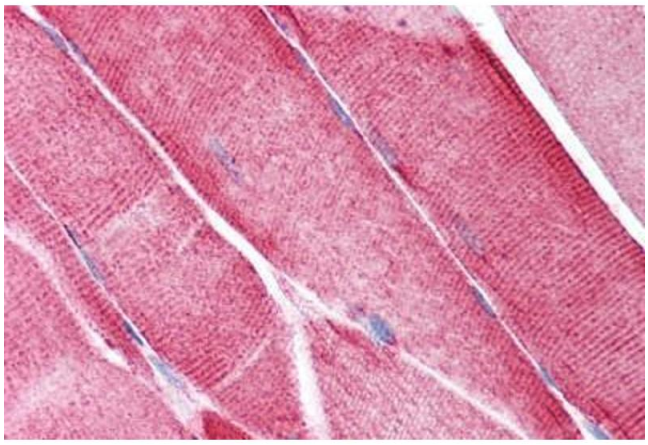
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



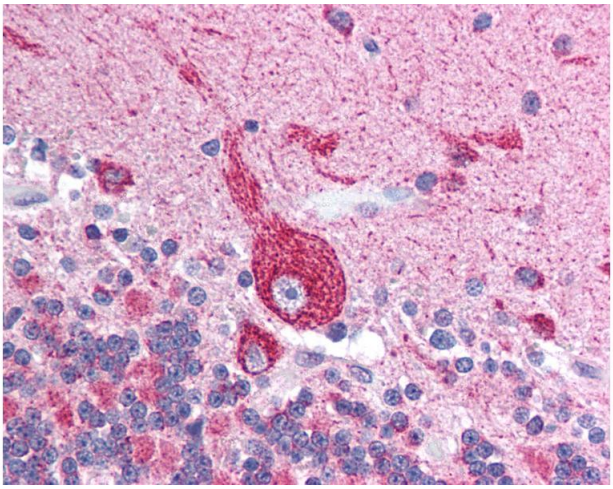
Immunohistochemistry

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with VDAC2 antibody ABIN213732 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Skeletal Muscle (formalin-fixed, paraffin-embedded) stained with VDAC2 antibody ABIN213732 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-VDAC2 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product ...