

Product Datasheet

PRDX2 Antibody (C-term) (orb1788266)

Description	Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-P, WB
Immunogen	169-198 aa
Target	This PRDX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-198 amino acids from the C-terminal region of human PRDX2.
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Isotype	Rabbit IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	21892 Da
Uniprot ID	P32119
NCBI	NP_005800.3

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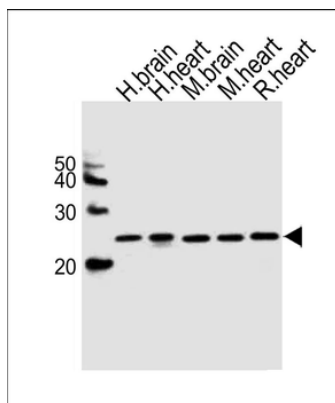
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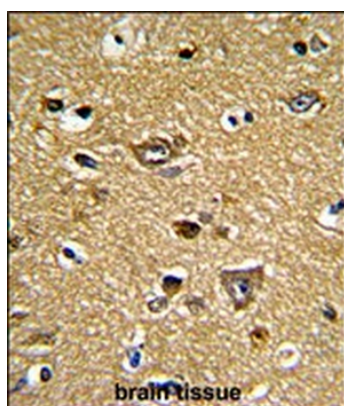
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Dilution Range IF: 1:10~50, WB: 1:1000, IHC-P: 1:50~100

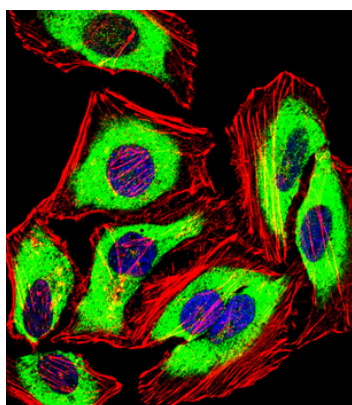
Expiration Date 12 months from date of receipt.



Western blot analysis of lysates from human brain, human heart, mouse brain, mouse heart, rat heart tissue lysate (from left to right), using PRDX2 Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody.



Formalin-fixed and paraffin-embedded human brain tissue reacted with PRDX2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Fluorescent confocal image of HeLa cell stained with PRDX2 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with PRDX2 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). PRDX2 immunoreactivity is localized to cytoplasm significantly.

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