

Product datasheet for **TA380308**

Peroxiredoxin 4 (PRDX4) Rabbit Polyclonal Antibody

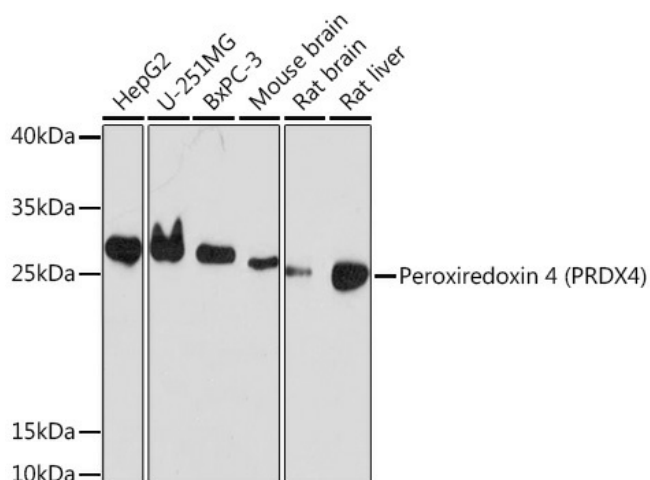
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human Peroxiredoxin 4 (Peroxiredoxin 4 (PRDX4)).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa
Gene Name:	peroxiredoxin 4
Database Link:	Entrez Gene 10549 Human Q13162
Background:	The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB.
Synonyms:	AOE37-2; PRX-4; Prx-IV

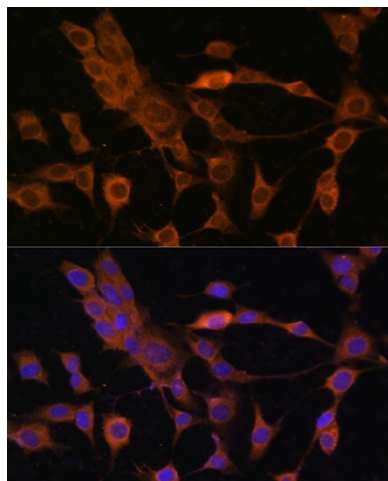


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Product images:



Western blot analysis of extracts of various cell lines, using Peroxioredoxin 4 (Peroxioredoxin 4 (PRDX4)) Rabbit pAb (TA380308) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 90s.



Immunofluorescence analysis of NIH/3T3 cells using Peroxioredoxin 4 (Peroxioredoxin 4 (PRDX4)) antibody (TA380308) at dilution of 1:100. Blue: DAPI for nuclear staining.