

Product Datasheet

Peroxiredoxin 2 Antibody NB100-40806

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-40806**Peroxiredoxin 2 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

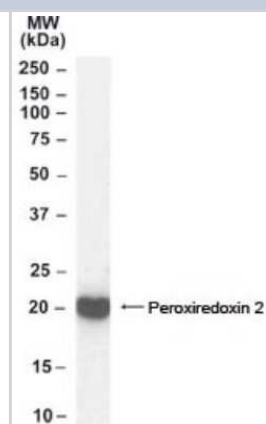
Host	Goat
Gene ID	7001
Gene Symbol	PRDX2
Species	Human
Reactivity Notes	Expected from sequence similarity: Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise isoforms a and b only (NP_005800.3 and NP_859427.1 respectively).
Immunogen	Peptide with sequence C-NVDDSKKEYFSKHN corresponding to C-Terminus according to NP_005800.3, NP_859427.1.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3-1 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 20-22kDa band observed in Human Brain lysates (calculated MW of 21.9kDa according to NP_005800.3). Primary incubation was 1 hour

Images

Western Blot: Peroxiredoxin 2 Antibody [NB100-40806] - Analysis of Peroxiredoxin 2 using this antibody at 1 ug/ml in Human Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Kato S, Kato M, Abe Y et al. Redox system expression in the motor neurons in amyotrophic lateral sclerosis (ALS): immunohistochemical studies on sporadic ALS, superoxide dismutase 1 (SOD1)-mutated familial ALS, and SOD1-mutated ALS animal models. Acta Neuropathol 2005-06-28 [PMID: 15983830]



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Products Related to NB100-40806

NBL1-14739	Peroxiredoxin 2 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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