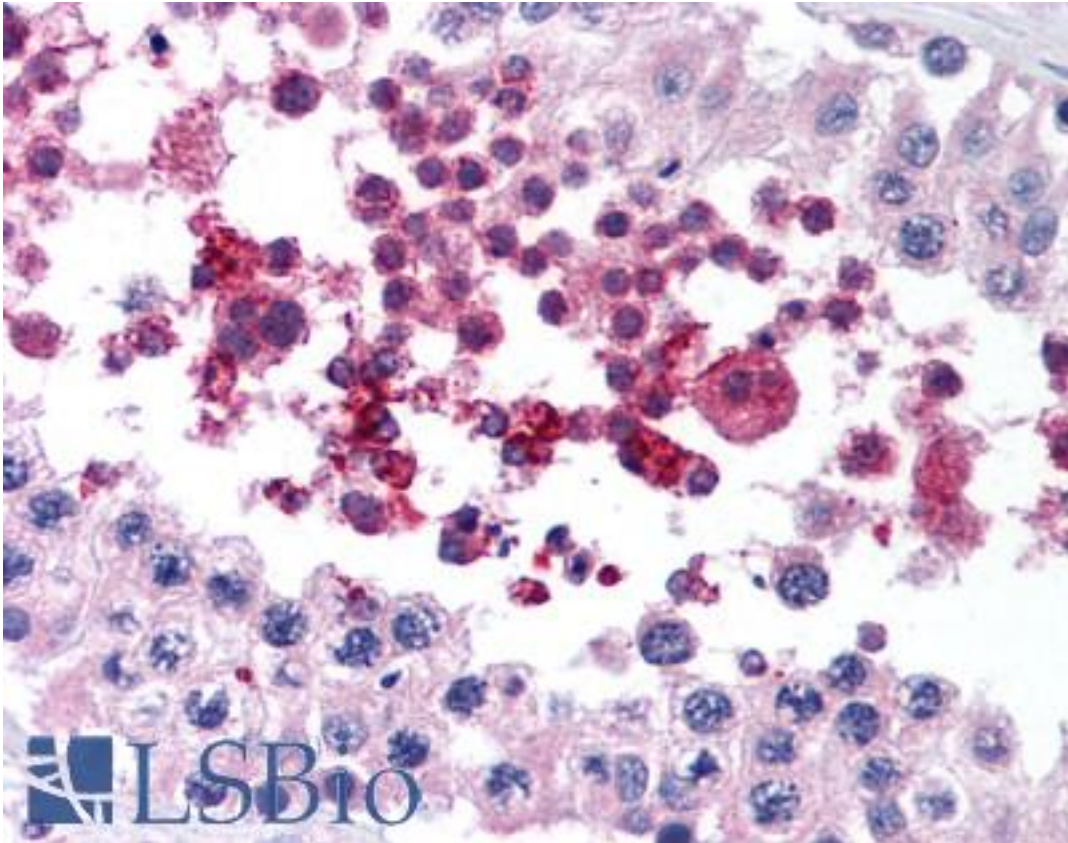


GPX4 / MCSP Rabbit anti-Human Polyclonal (aa81-93) Antibody - LS-B1596 - LSBio

CatalogID:	LS-B1596
Validation:	This antibody replaces catalog number LS-C11693. It has been validated for use in the following assays: IHC.
Target:	glutathione peroxidase 4 (GPX4)
Synonyms:	GPX4 Antibody, GPx-4 Antibody, MCSP Antibody, SnPHGPx Antibody, Phospholipid hydroperoxidase Antibody, SnGPx Antibody, Glutathione peroxidase 4 Antibody, GSHPx-4 Antibody, PHGPx Antibody
Host	GPX4 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	GPX4 / MCSP antibody was raised against Human
Immunogen:	GPX4 / MCSP antibody was raised against human GPx4 amino acids 81-93 (TQLVDLHARYAEC). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bovine, Goat, Pig, Guinea pig, Turkey, Chicken (100%).
Specificity:	human GPx4 amino acids 81-93 (TQLVDLHARYAEC)
Epitope:	aa81-93
Reactivity:	Human, Gorilla, Orangutan, Gibbon, Monkey, Mouse, Rat, Bovine, Dog, Goat, Guinea pig, Pig, Chicken
Purification:	Immunoaffinity purified
Presentation:	TBS, pH 7.4, 0.5 mg/ml BSA, 0.02% sodium azide, 50% glycerol.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1596 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 LS-B1596 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.4 mg/ml

Immunohistochemistry Image:



Anti-GPX4 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1596 concentration 10 ug/ml.

Western Blot Image:



Lane 1: Rat testis (30 µg)
Lane 2: Mouse brain (30 µg)

Western blot of GPX4 / MCSP antibody LS-B1596.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

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