

Product datasheet

Anti-Peroxiredoxin 6 antibody ab59544

1 Image

Overview

<b>Product name</b>	Anti-Peroxiredoxin 6 antibody
<b>Description</b>	Sheep polyclonal to Peroxiredoxin 6
<b>Host species</b>	Sheep
<b>Specificity</b>	ab59544 reacts with Peroxiredoxin 6.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Recombinant full length protein (Rat) Peroxiredoxin 6
<b>General notes</b>	Staining pattern: cytoplasm of epithelial cells in the rat and mouse lung, rat gut glandular cells and specific kidney tubule cells. Achieves excellent staining of human brain astrocytes in Parkinson's disease.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Thimerosal (merthiolate) Constituent: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab59544** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.

## Target

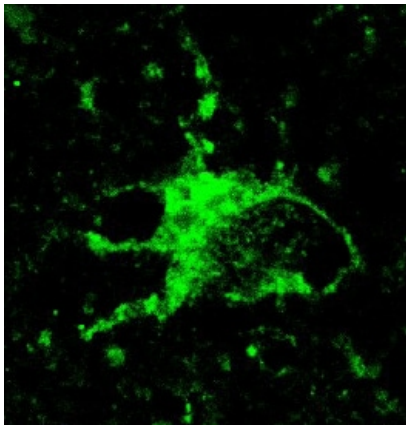
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<b>Function</b>	Involved in redox regulation of the cell. Can reduce H <sub>2</sub> O <sub>2</sub> and short chain organic, fatty acid, and phospholipid hydroperoxides. May play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.
<b>Sequence similarities</b>	Belongs to the ahpC/TSA family. Rehydrin subfamily. Contains 1 thioredoxin domain.
<b>Cellular localization</b>	Cytoplasm. Lysosome. Cytoplasmic vesicle. Also found in lung secretory organelles.

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## Images

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ab59544 at 1/100 staining Peroxiredoxin 6 in human brain astrocytes in Parkinson's disease by Immunohistochemistry. Secondary antibody: Molecular Probes.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Peroxiredoxin 6 antibody (ab59544)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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