**Product datasheet**

**Anti-Glutathione Peroxidase 4 antibody ab185689**

1 Image

**Overview**

- **Product name**: Anti-Glutathione Peroxidase 4 antibody
- **Description**: Rabbit polyclonal to Glutathione Peroxidase 4
- **Host species**: Rabbit
- **Tested applications**: Suitable for: IHC-P, WB
- **Species reactivity**: Reacts with: Mouse, Rat, Human
- **Immunogen**: Recombinant full length protein corresponding to Human Glutathione Peroxidase 4 aa 30-197. Database link: P36969
- **Positive control**: Mouse kidney cell line extract.

**Properties**

- **Form**: Liquid
- **Storage buffer**: pH: 7.3
  - Preservative: 0.02% Sodium azide
  - Constituents: 50% Glycerol, 49% PBS
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

**Applications**

Our **Abpromise guarantee** covers the use of ab185689 in the following tested applications.

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

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<td>IHC-P</td>
<td>1/50 - 1/200.</td>
<td>ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.</td>
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</table>
**Function**
Protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. Could play a major role in protecting mammals from the toxicity of ingested lipid hydroperoxides. Essential for embryonic development. Protects from radiation and oxidative damage.

**Tissue specificity**
Present primarily in testis.

**Sequence similarities**
Belongs to the glutathione peroxidase family.

**Cellular localization**
Mitochondrion. Cytoplasm.

**Application**
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**Images**

Anti-Glutathione Peroxidase 4 antibody (ab185689) at 1/500 dilution + Mouse kidney cell line extract

Predicted band size: 22 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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