

**GPX7 Antibody (clone 2704)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS11859****Specification**

---

**GPX7 Antibody (clone 2704) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">Q96SL4</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 21kDa KDa              |

**GPX7 Antibody (clone 2704) - Additional Information****Gene ID** 2882**Other Names**

Glutathione peroxidase 7, GPx-7, GSHPx-7, 1.11.1.9, CL683, GPX7, GPX6

**Target/Specificity**

Human GPX7

**Reconstitution & Storage**

Long term: -70°C; Short term: -70°C

**Precautions**

GPX7 Antibody (clone 2704) is for research use only and not for use in diagnostic or therapeutic procedures.

**GPX7 Antibody (clone 2704) - Protein Information****Name** GPX7**Synonyms** GPX6**Function**

It protects esophageal epithelia from hydrogen peroxide- induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks.

**Cellular Location**

Secreted.

**Tissue Location**

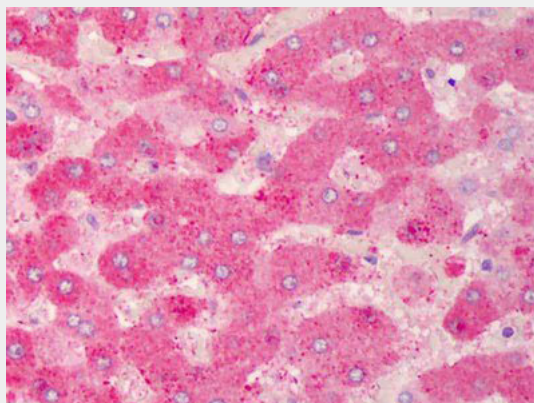
Expressed in esophageal epithelial cells; expression is up-regulated after exposure to acidic bile acids

### **GPX7 Antibody (clone 2704) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GPX7 Antibody (clone 2704) - Images**



Anti-GPX7 antibody IHC of human liver.

### **GPX7 Antibody (clone 2704) - Background**

It protects esophageal epithelia from hydrogen peroxide- induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks.

### **GPX7 Antibody (clone 2704) - References**

Gu S.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Barrow I.K.-P.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.