10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GPX7 Antibody (clone 2704)

Mouse Monoclonal Antibody

Catalog # ALS11859

Specification

GPX7 Antibody (clone 2704) - Product Information

Application	**IHC**
Primary Accession	Q96SL4
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

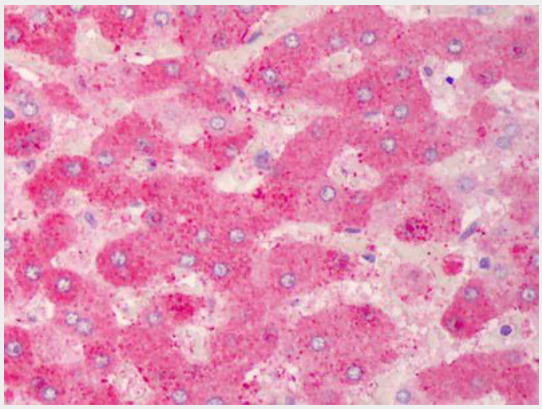
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- 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 oxigen 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.