

DNAxPAb

Hard-to-Find  
Antibody

# GPX5 DNAxPab

Catalog # H00002880-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GPX5 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MTTQLRVVHLLPLLLACFVQTSPKQEKMMDCHKDEKGTIYDYEIALNKNEYVSFKQYVGKHILF VNVATYCGLTAQYPGMSVQGEDLYLVSSFLRKGM
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — GPX5

Entrez GeneID [2880](#)

GeneBank Accession# [NM\\_003996.2](#)

Protein Accession# [NP\\_003987.2](#)

Gene Name GPX5

Gene Alias -

Gene Description glutathione peroxidase 5 (epididymal androgen-related protein)

Omim ID [603435](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene belongs to the glutathione peroxidase family. It is specifically expressed in the epididymis in the mammalian male reproductive tract, and is androgen-regulated. Unlike mRNAs for other characterized glutathione peroxidases, this mRNA does not contain a selenocysteine (UGA) codon. Thus, the encoded protein is selenium-independent, and has been proposed to play a role in protecting the membranes of spermatozoa from the damaging effects of lipid peroxidation and/or preventing premature acrosome reaction. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000017919|epididymal androgen-related protein|epididymal secretory glutathione peroxidase|glutathione peroxidase 5

## Pathway

- [Arachidonic acid metabolism](#)
- [Glutathione metabolism](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Lung Neoplasms](#)