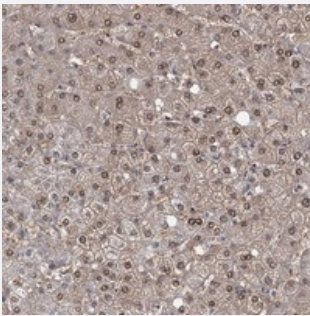


# TOX3 polyclonal antibody

Catalog # PAB23652      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with TOX3 polyclonal antibody (Cat # PAB23652) shows moderate cytoplasmic and nuclear positivity in hepatocytes at 1:200-1:500 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant TOX3.
Immunogen	Recombinant protein corresponding to amino acids of human TOX3.
Sequence	SQGSEFTPQFPPQSLDLPSTISRNLVEQDGV LHSSGLHMDQSHTQVSQYRQDPSLIMRSIVHMTD AARSGVMP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with TOX3 polyclonal antibody (Cat # PAB23652) shows moderate cytoplasmic and nuclear positivity in hepatocytes at 1:200-1:500 dilution.

## Gene Info — TOX3

**Entrez GeneID** [27324](#)

**Protein Accession#** [O15405](#)

**Gene Name** TOX3

**Gene Alias** CAGF9, TNRC9

**Gene Description** TOX high mobility group box family member 3

**Omim ID** [611416](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene contains an HMG-box, indicating that it may be involved in bending and unwinding of DNA and alteration of chromatin structure. The C-terminus of the encoded protein is glutamine-rich due to CAG repeats in the coding sequence. A minor allele of this gene has been implicated in an elevated risk of breast cancer. Two transcript variants encoding different isoforms have been found for this gene

**Other Designations** trinucleotide repeat containing 9

## Disease

- [Adenocarcinoma](#)
- [Birth Weight](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
- [Pancreatic Neoplasms](#)
- [Tobacco Use Disorder](#)