

FOXC1 polyclonal antibody

Catalog # PAB6920

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of FOXC1.
Immunogen	A synthetic peptide corresponding to human FOXC1.
Sequence	C-DAVKDKKEEKDRLH
Host	Goat
Theoretical MW (kDa)	56.8
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FOXC1

Entrez GeneID [2296](#)

Protein Accession# [NP_001444.1](#)

Gene Name FOXC1

Gene Alias ARA, FKHL7, FREAC-3, FREAC3, IGDA, IHG1, IRID1

Gene Description forkhead box C1

Omim ID [601090 601631](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it has been shown to play a role in the regulation of embryonic and ocular development. Mutations in this gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly. [provided by RefSeq]

Other Designations OTTHUMP00000017802|forkhead winged/helix transcription factor|forkhead, drosophila, homolog-like 7|forkhead-related activator 3|forkhead/winged helix-like transcription factor 7|myeloid factor-delta|transcription factor forkhead-like 7

Publication Reference

- [FOXC1 transcriptional regulatory activity is impaired by PBX1 in a filamin A-mediated manner.](#)

Berry FB, O'Neill MA, Coca-Prados M, Walter MA.

Molecular and Cellular Biology 2005 Feb; 25(4):1415.

Application: WB-Tr, Human, HeLa cells

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Lung Neoplasms](#)
- [Lymphedema](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)