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-DAVKDKEEKDRLH
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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

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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

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- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Glaucoma
- Lung Neoplasms
- Lymphedema
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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