

Rabbit anti-Human FOXC1 Polyclonal Antibody | anti-FOXC1 antibody

Rabbit anti-FOXC1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212202	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

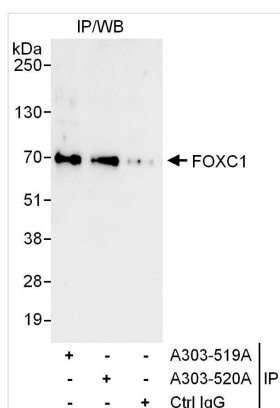
PRODUCT SYNONYMS

FOXC1; Polyclonal Antibody; Rabbit anti-FOXC1 Antibody; Affinity Purified; IGDA; RIEG3; myeloid factor-delta; IHG1; FREAC-3; FREAC3; forkhead-related transcription factor 3; forkhead-related protein FKHL7; forkhead/winged helix-like transcription factor 7; forkhead; drosophila; homolog-like 7; forkhead box protein C1; ARA; forkhead box C1 protein; FKHL7; ASGD3; forkhead-related activator 3; IRID1; Forkhead box protein C1; forkhead box C1; anti-FOXC1 antibody

PRODUCT SPECIFICATIONS

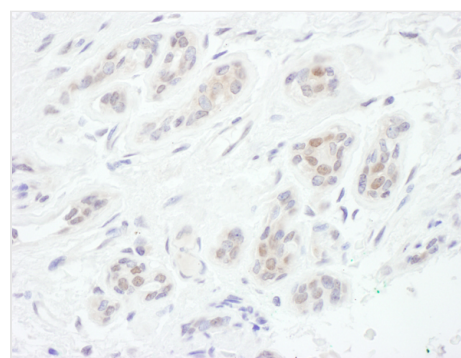
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FOXC1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human FOXC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-FOXC1 antibody AAA212202 used for IP at 6 ug/mg lysate. FOXC1 was also immunoprecipitated by rabbit anti-FOXC1 antibody which recognizes a downstream epitope. For blotting immunoprecipitated FOXC1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human FOXC1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-FOXC1 (Cat. No. AAA212202 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXC1 antibody	Forkhead box C1 (FOXC1) belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of FOXC1 has not yet been determined; however, the gene has been shown to play a role in the regulation of embryonic and ocular development. Mutations in the FOXC1 gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly.[taken from NCBI Entrez Gene (Gene ID: 2296)].
Product Categories/Family for anti-FOXC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395716
NCBI GeneID	2296
NCBI Accession #	NP_001444.2
NCBI GenBank Nucleotide #	NM_001453.2
UniProt Accession #	Q12948; Q86UP7; Q9BYM1; Q9NUE5; Q9UDD0; Q9UP06
Molecular Weight	56,789 Da
NCBI Official Full Name	forkhead box protein C1
NCBI Official Synonym Full Names	forkhead box C1
NCBI Official Symbol	FOXC1
NCBI Official Synonym Symbols	ARA; IGDA; IHG1; FKHL7; IRID1; RIEG3; FREAC3; FREAC-3
NCBI Protein Information	forkhead box protein C1; myeloid factor-delta; forkhead-related activator 3; forkhead-related protein FKHL7; forkhead, drosophila, homolog-like 7; forkhead-related transcription factor 3; forkhead/winged helix-like transcription factor 7
UniProt Protein Name	Forkhead box protein C1
UniProt Gene Name	FOXC1
UniProt Synonym Gene Names	FKHL7; FREAC3; FREAC-3
UniProt Entry Name	FOXC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/foxc1-antibody-immunohistochemistry-immunoprecipitation-elisa/212202>