

Product datasheet for **TA302875**

FOXC1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.5-1.5µg/ml.
Reactivity:	Human, Mouse, Zebrafish
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence RTSGAFVYDCSKF, from the C Terminus of the protein sequence according to NP_001444.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	forkhead box C1
Database Link:	NP_001444 Entrez Gene 17300 Mouse Entrez Gene 2296 Human Q12948
Background:	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 iridogoniogenesis anomaly, and Axenfeld-Rieger anomaly. [provided by RefSeq]

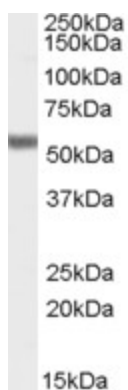


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Synonyms: ARA; FKHL7; FREAC-3; FREAC3; IGDA; IHG1; IRID1; RIEG3

Protein Families: Druggable Genome, Transcription Factors

Product images:



TA302875 staining (0.5ug/ml) of Human Bone Marrow lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

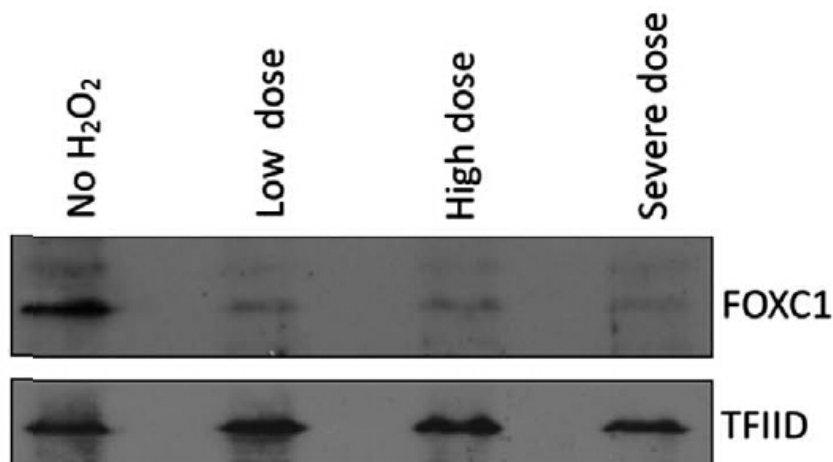
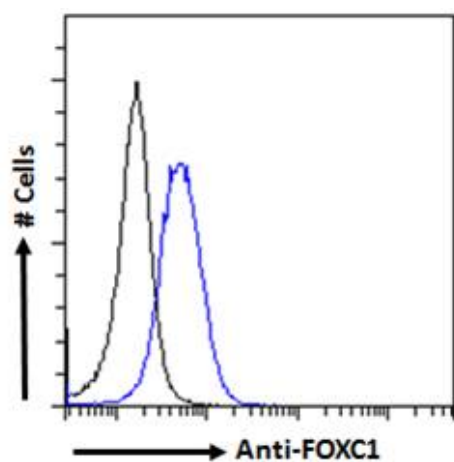


Figure from citation: Western Blot of FOXC1 protein level by using anti-FOXC1 antibody in HEM cells. [View Citation](#)



Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1 hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.