

Rabbit FOXE3 Polyclonal Antibody | anti-FOXE3 antibody

FOXE3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323964	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

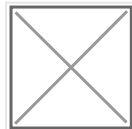
PRODUCT SYNONYMS

FOXE3; Polyclonal Antibody; FOXE3 Antibody; Drosophila Forkhead Homolog Like 12; FKHL 12; FKHL12; Forkhead Box E3; Forkhead box protein E3; Forkhead Related Activator 8; Forkhead related protein FKHL12; Forkhead-related protein FKHL12; Forkhead-related transcription factor 8; Foxe3; FOXE3 forkhead box E3; FOXE3_HUMAN; FREAC 8; FREAC-8; FREAC8; anti-FOXE3 antibody

PRODUCT SPECIFICATIONS

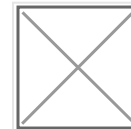
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FOXE3 antibody detects endogenous levels of total FOXE3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	319
Applicable Applications for anti-FOXE3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Tissue Specificity	Expressed in the lens during embryonic development. Predominantly expressed in the anterior lens epithelium but with some expression posteriorly. Not expressed in brain in embryos.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323964 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 562 cells, using FOXE3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXE3 antibody	Function: Transcription factor that controls lens epithelial cell growth through regulation of proliferation, apoptosis and cell cycle (PubMed:22527307, PubMed:25504734). During lens development, controls the ratio of the lens fiber cells to the cells of the anterior lens epithelium by regulating the rate of proliferation and differentiation (By similarity). Controls lens vesicle closure and subsequent separation of the lens vesicle from ectoderm (By similarity). Controls the expression of DNAJB1 in a pathway that is crucial for the development of the anterior segment of the eye (PubMed:27218149).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11386197
NCBI GeneID	2301
NCBI Accession #	NP_036318.1
NCBI GenBank Nucleotide #	NM_012186.2
UniProt Accession #	Q13461; Q5SVY9; Q9NQV9
Molecular Weight	Observed: 33 kD Predicted: 34 kDa
NCBI Official Full Name	forkhead box protein E3
NCBI Official Synonym Full Names	forkhead box E3
NCBI Official Symbol	FOXE3
NCBI Official Synonym Symbols	AAT11; ASGD2; FKHL12; FREAC8; CTRCT34
NCBI Protein Information	forkhead box protein E3
UniProt Protein Name	Forkhead box protein E3
UniProt Gene Name	FOXE3
UniProt Synonym Gene Names	FKHL12; FREAC8; FREAC-8

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/foxe3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323964>