

FOXE3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53299

Product Information

Application	WB
Primary Accession	Q13461
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33234

Additional Information

Gene ID	2301
Other Names	Forkhead box protein E3, Forkhead-related protein FKHL12, Forkhead-related transcription factor 8, FREAC-8, FOXE3, FKHL12, FREAC8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FOXE3. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

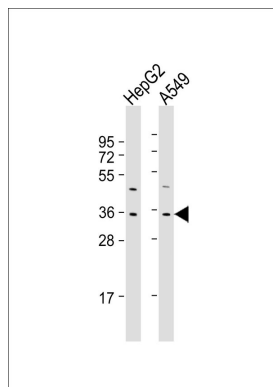
Protein Information

Name	FOXE3
Synonyms	FKHL12, FREAC8
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).
Cellular Location	Nucleus.

References

Carlsson P.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Semina E.V.,et al.Hum. Mol. Genet. 10:231-236(2001).
Gregory S.G.,et al.Nature 441:315-321(2006).
Larsson C.,et al.Genomics 30:464-469(1995).
Valleix S.,et al.Am. J. Hum. Genet. 79:358-364(2006).

Images



All lanes : Anti-FOXE3 Antibody at 1:1000 dilution Lane 1: HepG2 whole cell lysate Lane 2: A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.