

FOXE3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53299**Specification**

FOXE3 Antibody - Product Information

Application	WB
Primary Accession	Q13461
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33 KDa
Antigen Region	86-125aa

FOXE3 Antibody - 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

FOXE3 Antibody - 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](http://www.uniprot.org/citations/22527307), PubMed: [25504734](http://www.uniprot.org/citations/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

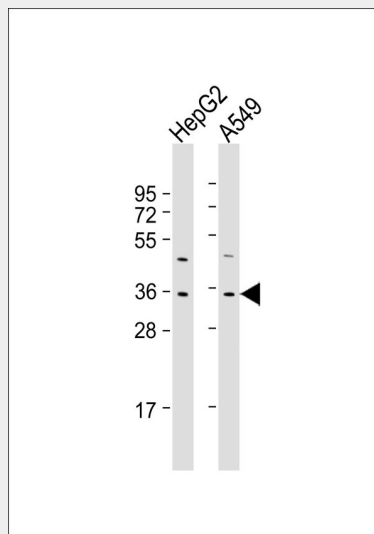
Nucleus.

FOXE3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOXE3 Antibody - 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.

FOXE3 Antibody - 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).