

FOXE1 rabbit monoclonal antibody

Catalog # H00002304-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FOXE1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FOXE1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FOXE1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — FOXE1

Entrez GeneID	2304
GeneBank Accession#	FOXE1
Gene Name	FOXE1
Gene Alias	FKHL15, FOXE2, HFKH4, HFKL5, TITF2, TTF-2, TTF2
Gene Description	forkhead box E1 (thyroid transcription factor 2)
Omim ID	241850 602617
Gene Ontology	Hyperlink
Gene Summary	This intronless gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene functions as a thyroid transcription factor which likely plays a crucial role in thyroid morphogenesis. Mutations in this gene are associated with congenital hypothyroidism and cleft palate with thyroid dysgenesis. The map localization of this gene suggests it may also be a candidate gene for squamous cell epithelioma and hereditary sensory neuropathy type I. [provided by RefSeq]
Other Designations	OTTHUMP00000021756 forkhead box E1 forkhead box E2 forkhead, drosophila, homolog-like 15 forkhead-like 15 thyroid transcription factor-2

Disease

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- [Carcinoma](#)
- [Choristoma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Congenital Abnormalities](#)
- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)

- [Hypothyroidism](#)
- [Neoplasms](#)
- [Skin Neoplasms](#)
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- [Thyroid Dysgenesis](#)
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