

FOXE1 polyclonal antibody

Catalog # PAB6429

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of FOXE1.
Immunogen	A synthetic peptide corresponding to human FOXE1.
Sequence	C-AYPGGIDRFVSAM
Host	Goat
Theoretical MW (kDa)	38.1
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:8000) Immunohistochemistry (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FOXE1

Entrez GeneID	2304
Protein Accession#	NP_004464.2
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

Publication Reference

- [Immunohistochemical analysis of thyroid-specific transcription factors in thyroid tumors.](#)

Zhang P, Zuo H, Nakamura Y, Nakamura M, Wakasa T, Kakudo K.

Pathology International 2006 May; 56(5):240.

Application: IHC-P, Human, Thyroid

Disease

- [Abnormalities](#)
- [Carcinoma](#)
- [Choristoma](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Congenital Abnormalities](#)
- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)
- [Hypothyroidism](#)
- [Neoplasms](#)
- [Skin Neoplasms](#)
- [Syndrome](#)
- [Thyroid Dysgenesis](#)
- [Thyroid Neoplasms](#)
- [Tooth Abnormalities](#)