

For Research Use Only

FOXE1 Polyclonal antibody

Catalog Number: 55363-1-AP **1 Publications**



Basic Information

Catalog Number: 55363-1-AP	GenBank Accession Number: NM_004473	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2304	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: forkhead box E1 (thyroid transcription factor 2)	
Isotype: IgG	Calculated MW: 38 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human thyroid cancer tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

FOXE1 is a thyroid-specific forkhead transcription factor essential for thyroid gland development, as well as for the maintenance of the thyroid differentiated state in adults. Mutations in FOXE1 are associated with congenital hypothyroidism and cleft palate with thyroid dysgenesis (PMID: 20453517, PMID: 25381600). FOXE1 is expressed in the developing thyroid and the anterior pituitary gland.

Notable Publications

Author	Pubmed ID	Journal	Application
Zongfu Pan	37993084	Cancer Lett	WB

Storage

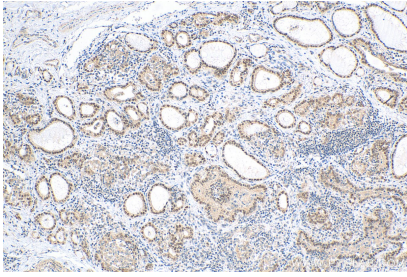
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

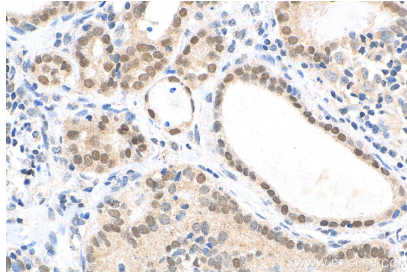
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 55363-1-AP (FOX E1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 55363-1-AP (FOX E1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).