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Datasheet for ABIN2854684
anti-FOXE1 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	FOXE1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human FOXE1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to FOXE1 (forkhead box E1 (thyroid transcription factor 2)) FOXE1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FOXE1
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Target Details

Alternative Name: forkhead box E1 ([FOXE1 Products](#))

Background: 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.

Cellular Localization: Nucleus

Molecular Weight: 38 kDa

Gene ID: 2304

UniProt: [O00358](#)

Application Details

Application Notes: WB: 1:500-1:3000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HeLaS3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

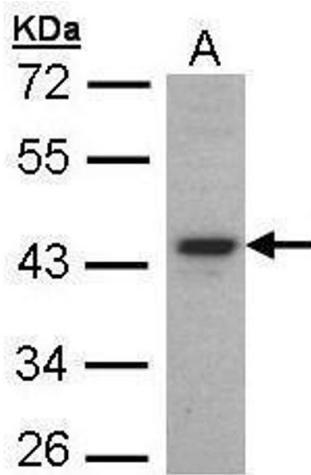
Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

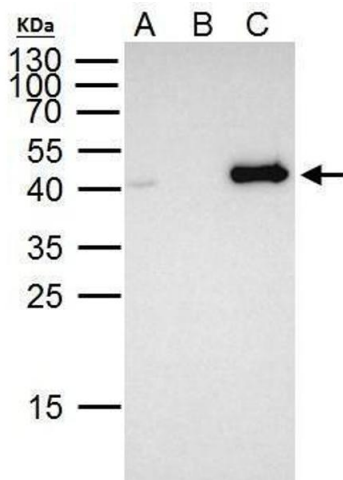
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: HeLaS3 10% SDS PAGE antibody diluted at 1:1000



Immunoprecipitation

Image 2. IP Image FOXE1 antibody immunoprecipitates FOXE1 protein in IP experiments. IP Sample: HeLa whole cell lysate/extract A. 40 μ g HeLa whole cell lysate/extract B. Control with 2 μ g of preimmune rabbit IgG C. Immunoprecipitation of FOXE1 protein by 2 μ g of FOXE1 antibody, 15% SDS-PAGE The immunoprecipitated FOXE1 protein was detected by FOXE1 antibody, diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.