

Anti-FOXE1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow)
Molecular Weight:	Theoretical: 41 kDa. Actual: 41 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Kidney (Mouse) Lysate at 40 µg Primary: Anti-FOXE1 (TMAB-06120) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 41 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FOXE1
Antigen Species:	Human
Gene ID:	2304
Uniprot ID:	O00358

Research Background

Thyroid transcription factor 2 (TTF2; Forkhead; TH; also known as a "winged helix") . FH is named for the Drosophila fork head protein, a transcription factor which promotes terminal rather than segmental development. This family of transcription factor domains, which bind to B-DNA as monomers, are also found in the Hepatocyte nuclear factor (HNF) proteins, which provide tissue-specific gene regulation. The structure contains 2 flexible loops or "wings" in the C-terminal region, hence the term winged helix. Transcription factor that binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. Crucial in the maintenance of the thyroid differentiation phenotype. May play a role in lung development and surfactant homeostasis. TISSUE SPECIFICITY: Thyroid and lung. subcellular location: Nucleus Belongs to the NK-2 homeobox family.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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