FOXC2 Rabbit pAb

CatalogNo: YN2051

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Rat,Mouse	• WB,ELISA

MW	Isotype
• 55kD (Observed)	• IgG

Recommended Dilution Ratios

WB 1:500-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from part region of human protein
Specificity	FOXC2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	FOXC2 FKHL14 MFH1

Protein Name Forkhead box protein C2 (Forkhead-related protein FKHL14) (Mesenchyme fork head protein 1) (MFH-1 protein) (Transcription factor FKH-14)

Organism	Gene ID	UniProt ID
Human	2303;	Q99958;
Mouse		Q61850;
Rat		Q63246;

Cellular Localization Nucleus .

Tissue specificity Epithelium,

Function Disease:Defects in FOXC2 are a cause of lymphedema-distichiasis syndrome (LYD) [MIM:153400]. LYD is characterized by primary limb lymphedema usually starting at puberty (but in some cases later or at birth) and associated with distichiasis (double rows of eyelashes, with extra eyelashes growing from the Meibomian gland orifices).,Disease:Defects in FOXC2 are a cause of lymphedema-yellow nails (LYYN) [MIM:153300]. LYYN is characterized by yellow, dystrophic, thick and slowly growing nails, associated with lymphedema and respiratory involvement. Lymphedema occurs more often in the lower limbs. It can appear at birth or later in life. Onset generally follows the onset of ungual abnormalities.,Disease:Defects in FOXC2 are the cause of lymphedema hereditary type 2 (LYH2) [MIM:153200]; also known as Meige lymphedema. Hereditary lymphedema is a chronic disabling condition which results in swelling of the extremities due to altered lymphatic flow. Patients with lymphedema suffer from recurrent local infections, and physical impairment.,Function:Transcriptional activator. Might be involved in the formation of special mesenchymal tissues.,similarity:Contains 1 fork-head DNA-binding domain.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
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