

Anti-FOXD1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Chicken,Dog,Rabbit,Sheep)
Molecular Weight:	Theoretical: 46 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage:	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 FOXD1
Antigen Species:	Human
Gene ID:	2297
Uniprot ID:	Q16676
Synonyms:	FKHL 8;FOXD1;Forkhead box protein D1;Brain Factor 2;Forkhead(Drosophila) like 8;FKH L8;FKHL8;Forkhead drosophila homolog like 8;FOXD 1;FREAC4;Forkhead like 8;FREAC-4;Forkhead box D1;FOX D1;Forkhead related activator 4;Forkhead related transcription factor 4;Forkhead related protein FKHL8
Biology Area:	Forkhead Box,FOXD,Transcription Factors

Research Background

FOXD1 is involved in regulating inflammation as well as kidney and retinal development. FOXD1 regulates the activity of NFAT and NFkB. Deficiency of FOXD1 results in multiorgan systemic inflammation, exaggerated Th cell-derived cytokine production, and T cell proliferation in autologous MLRs. In kidneys, FOXD1 controls the production of signals required for the normal transition of induced mesenchyme into tubular epithelium and full growth and branching of the collecting system. Deletion of FOXD1 results in renal abnormalities. FOXD2 acts as a modulator of T cell activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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