



Rabbit Anti-FOXD2 antibody

SL21592R

Product Name:	FOXD2
Chinese Name:	叉头蛋白D2抗体
Alias:	Drosophila Forkhead Homolog Like 17; FKHL 17; Forkhead box protein D2; Forkhead Related Activator 9; Forkhead-related protein FKHL17; Forkhead-related transcription factor 9; FOXD2; FOXD2 HUMAN; FREAC 9; FREAC-9.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FOXD2:71-170/495
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The FOX family of transcription factors share a common DIUA binding domain termed a winged-helix or forkhead domain. Many FOX proteins play important roles in development, metabolism, cancer and aging. FOXD1 (also designated Brain Factor 2 or BF-2) is involved in regulating inflammation as well as kidney and retinal development. FOXD1 regulates the activity of NF-AT 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.

Function:

Probable transcription factor involved in embryogenesis and somatogenesis.

Subcellular Location:

Nucleus.

Tissue Specificity:

Kidney specific.

Similarity:

Contains 1 fork-head DNA-binding domain.

SWISS:

O60548

Gene ID:

2306

Database links:

[Entrez Gene: 2306](#)Human

[Entrez Gene: 17301](#)Mouse

[Omim: 602211](#)Human

[SwissProt: O60548](#)Human

[SwissProt: O35392](#)Mouse

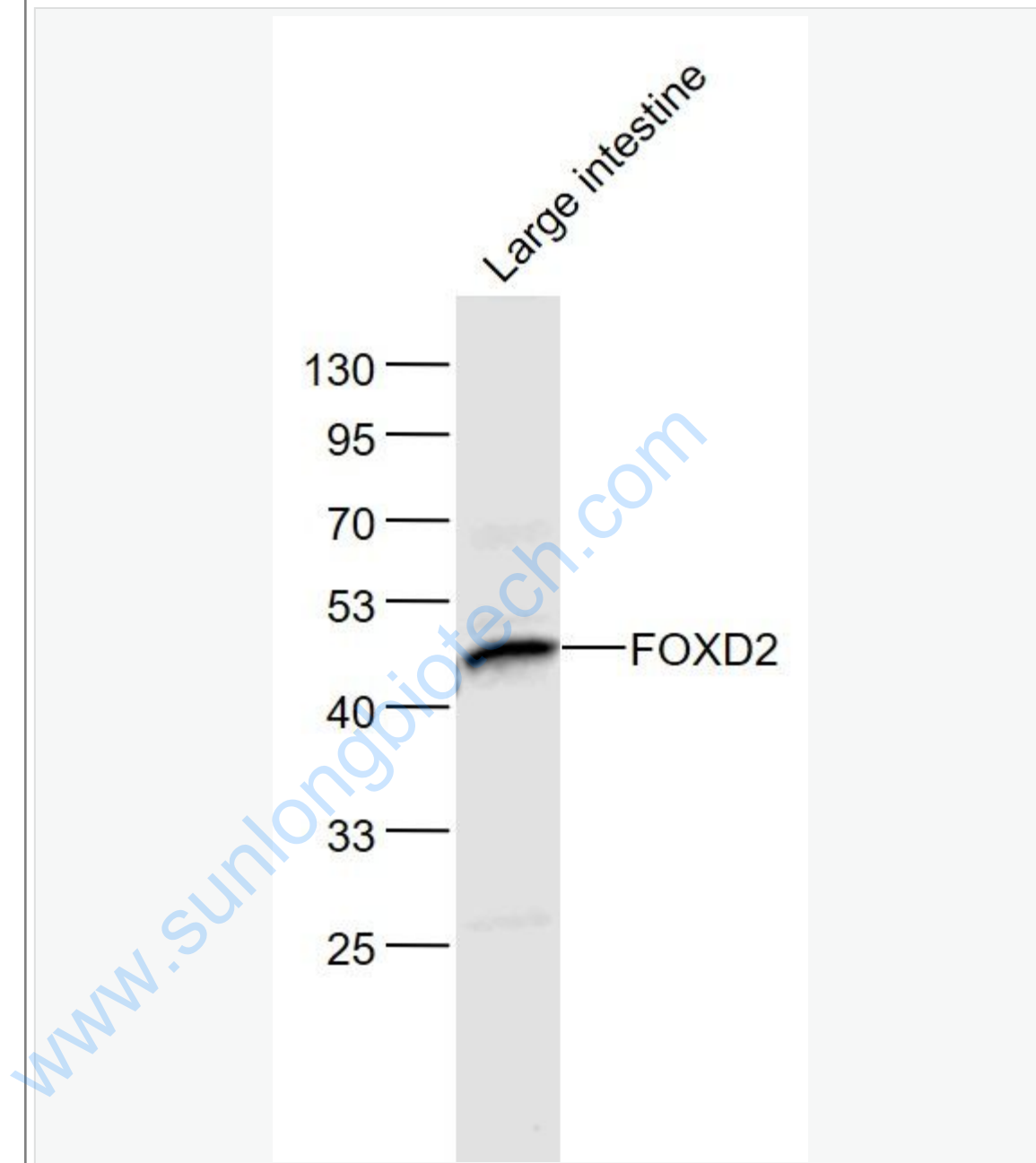
[Unigene: 166188](#)Human

[Unigene: 7997](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Large intestine (Mouse) Lysate at 40 ug

Primary: Anti- FOXD2 (SL21592R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 49 kD

	Observed band size: 49 kD
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Jurkat

135 —
100 —
75 —
63 —
48 —
35 —
25 —
20 —
17 —

FOXD2

Sample:

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Jurkat (Human) Cell Lysate at 30 ug

Primary: Anti-FOXD2 (SL21592R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 49 kD

Observed band size: 49 kD

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