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## anti-FOXD3 antibody (AA 1-140)

3 Images



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Quantity:	100 μg
Target:	FOXD3
Binding Specificity:	AA 1-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

#### **Product Details**

Immunogen:	Recombinant Human Forkhead box protein D3 protein (1-140AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

### Target Details

Target:	FOXD3
Alternative Name:	FOXD3 (FOXD3 Products)
Background:	Background: Binds to the consensus sequence 5\\\'-A[AT]T[AG]TTTGTTT-3\\\' and acts as a transcriptional repressor. Also acts as a transcriptional activator. Promotes development of

#### **Target Details**

neural crest cells from neural tube progenitors. Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis.

Aliases: AIS1 antibody, forkhead box D3 antibody, Forkhead box protein D3 antibody, foxd3 antibody, FOXD3\_HUMAN antibody, Genesis antibody, HFH2 antibody, HNF3/FH transcription factor genesis antibody, VAMAS2 antibody

UniProt:

Q9UJU5

#### **Application Details**

Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

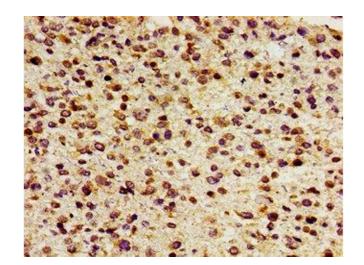
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

handled by trained staff only.

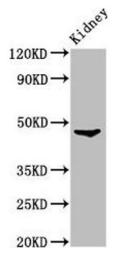
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



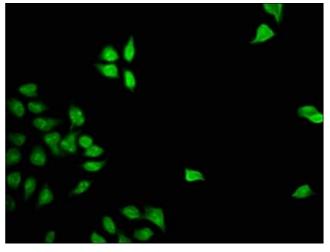
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human glioma using ABIN7153030 at dilution of 1:100



#### **Western Blotting**

Image 2. Western Blot Positive WB detected in: Rat kidney tissue All lanes: FOXD3 antibody at 3.2 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 48 kDa Observed band size: 48 kDa



#### Immunofluorescence

Image 3. Immunofluorescence staining of Hela cells with ABIN7153030 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).