

For Research Use Only

# FOXD2 Polyclonal antibody

Catalog Number: 34275-1-AP



## Basic Information

<b>Catalog Number:</b> 34275-1-AP	<b>GenBank Accession Number:</b> NM_004474.4	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 460 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2306	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60548	
<b>Isotype:</b> IgG	<b>Full Name:</b> forkhead box D2	
<b>Immunogen Catalog Number:</b> AG41978	<b>Calculated MW:</b> 49kDa 495aa	
	<b>Observed MW:</b> 51 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : BGC-823 cells, HGC-27 cells, SGC-7901 cells
<b>Species Specificity:</b> human	

## Background Information

FOXD2, as one descendant of the FOX gene family, has been mentioned in many articles to show a high expression in several cancers. FOXD2 showed a high expression in gastric adenocarcinoma tissues and cells, and silencing FOXD2 could hinder gastric adenocarcinoma cell proliferation. In addition, FOXD2 could facilitate gastric adenocarcinoma cell proliferation by activating the expression of its downstream gene IQGAP3 and increasing intracellular Ca<sup>2+</sup> concentration (PMID: 37724892).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

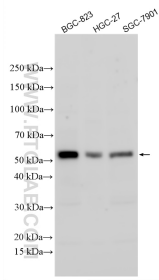
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34275-1-AP (FOXD2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.