

For Research Use Only

FOXD2 Polyclonal antibody

Catalog Number: 34275-1-AP



Basic Information

Catalog Number:

34275-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41978

GenBank Accession Number:

NM_004474.4

GeneID (NCBI):

2306

UNIPROT ID:

O60548

Full Name:

forkhead box D2

Calculated MW:

49kDa, 495aa

Observed MW:

51 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : BGC-823 cells, HGC-27 cells, SGC-7901 cells

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 Ca²⁺ 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

For technical support and original validation data for this product please contact:

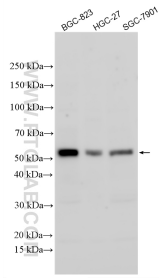
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.