

For Research Use Only

# FOXJ2 Polyclonal antibody, PBS Only

Catalog Number: 28301-1-PBS

Featured Product



## Basic Information

Catalog Number:

28301-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27345

GenBank Accession Number:

BC136305

GeneID (NCBI):

55810

UNIPROT ID:

Q9P0K8

Full Name:

forkhead box J2

Calculated MW:

574 aa, 62 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Fork head box J2 (FOXJ2) is a transcription factor discovered in mammals and other vertebrates in 2000, which belongs to the Fork head box (Fox) transcription factor family, which shares a conserved DNA-binding domain, known as Fork Head. FOXJ2 participates in the regulation of cell proliferation, differentiation, and migration by targeting downstream genes through its DNA binding domain, and plays fundamental roles in embryonic development, tumorigenesis, and the progression of certain cancers. The expression patterns of FOXJ2 have been reported to be aberrant in a variety of cancers, including breast cancer, extra-hepatic cholangiocarcinoma, nasopharyngeal carcinoma, glioma, and non-small cell lung cancer (PMID: 28769576, PMID: 33725831, PMID: 35908066). This antibody has been validated for knockdown.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

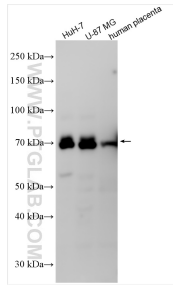
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

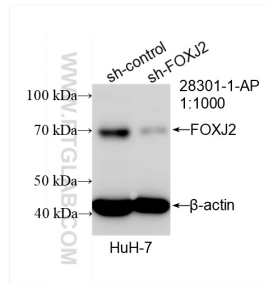
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28301-1-AP (FOXJ2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28301-1-PBS in a different storage buffer formulation.



WB result of FOXJ2 antibody (28301-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FOXJ2 transfected HuH-7 cells. This data was developed using the same antibody clone with 28301-1-PBS in a different storage buffer formulation.