

For Research Use Only

# DPPA3 Polyclonal antibody

Catalog Number: 33565-1-AP



## Basic Information

<b>Catalog Number:</b> 33565-1-AP	<b>GenBank Accession Number:</b> BC160067	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 359787	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6W0C5	
<b>Isotype:</b> IgG	<b>Full Name:</b> developmental pluripotency associated 3	
<b>Immunogen Catalog Number:</b> AG34680	<b>Observed MW:</b> 23 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human testis tissue,
<b>Species Specificity:</b> human	

## Background Information

DPPA3 (developmental pluripotency related 3), also known as STELLAR, which is a protein which plays a key role in embryonic development and epigenetic reprogramming, and is specifically expressed in embryonic stem cells and germ-line cells. In mice, DPPA3, as a maternal factor, plays a role in the pre-implantation development stage, participating in transcription inhibition, cell division and cell pluripotency maintenance. The predicted molecular weight is 17 kDa and the observed molecular weight is 23 kDa.

## 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

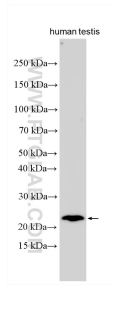
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33565-1-AP (DPPA3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.