

## Anti-DPPA4 Antibody (N-term)

Catalog Number: A10283-2

### About DPPA4

Dppa4 is a member of the Dppa family of developmental pluripotency associated transcription factors. Dppa4 is a target of Oct4, Sox2 and Nanog. It may play a role in maintaining cell pluripotentiality.

### Overview

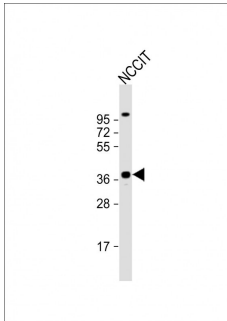
Product Name	Anti-DPPA4 Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-DPPA4 Antibody (N-term) (Catalog # A10283-2). Tested in WB, IHC-P application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q7L190

### Technical Details

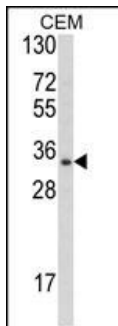
Immunogen	This DPPA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human DPPA4.
Predicted Reactive Species	Bovine, Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1000 IHC-P: 1:25



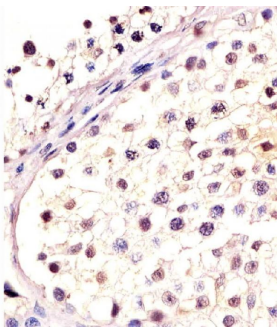
## Anti-DPPA4 Antibody (N-term) (A10283-2) Images



Anti-DPPA4 Antibody (N-term) at 1:2000 dilution + NCCIT whole cell lysate  
Lysates/proteins at 20 µg per lane.  
Secondary  
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 34 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot analysis of DPPA4 Antibody (N-term) in CEM cell line lysates (35ug/lane). DPPA4 (arrow) was detected using the purified Pab.



A10283-2 staining DPPA4 in human testis tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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