

Product datasheet

Anti-Dppa4 antibody ab154642

★★★★★ [1 Abreviews](#) [2 References](#) [4 Images](#)

Overview

Product name	Anti-Dppa4 antibody
Description	Rabbit polyclonal to Dppa4
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to a region within amino acids 30-304 of Human Dppa4 (UniProt ID:Q7L190).
Positive control	NT2D1 and Human ESC whole cell lysate. Human ESC cells. H661 xenograft.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab154642 in the following tested applications.

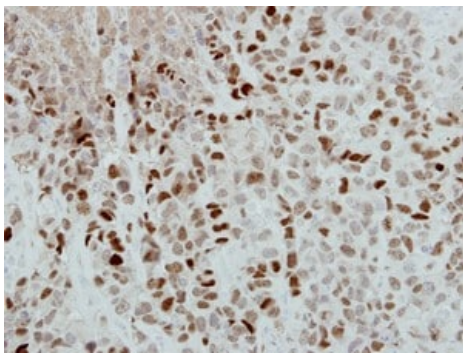
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 34 kDa.
IHC-P	★★★★★ (1)	1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively Tris-EDTA buffer (pH8.0) may be used.
ICC/IF		1/100 - 1/1000.

Target

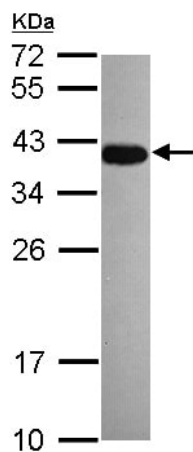
Function	May be involved in the maintenance of active epigenetic status of target genes (By similarity). May inhibit differentiation of embryonic cells into a primitive ectoderm lineage.
Cellular localization	Nucleus.

Images



Immunohistochemical analysis of paraffin embedded H661 (human cell line) xenograft tissue labelling Dppa4 with ab154642 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Dppa4 antibody (ab154642)

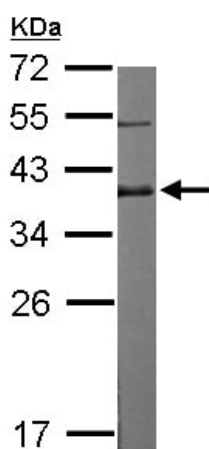


Western blot - Anti-Dppa4 antibody (ab154642)

Anti-Dppa4 antibody (ab154642) at 1/500 dilution + NT2D1 whole cell lysate at 30 µg/ml

Predicted band size: 34 kDa

12% SDS PAGE

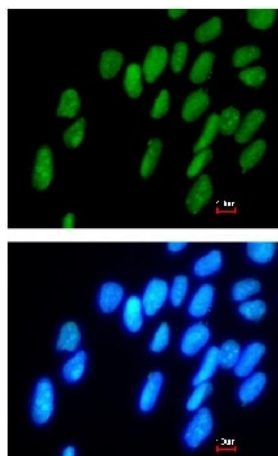


Western blot - Anti-Dppa4 antibody (ab154642)

Anti-Dppa4 antibody (ab154642) at 1/500 dilution + Human ESC whole cell lysate at 20 µg

Predicted band size: 34 kDa

12% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-Dppa4 antibody (ab154642)

Immunofluorescent analysis of paraformaldehyde-fixed Human ESC labeling Dppa4 with ab154642 at a 1/400 dilution. The lower image has been stained with Hoechst 33342.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors