




Product datasheet

Anti-Pofut1 antibody ab240479

2 Images

Overview

Product name	Anti-Pofut1 antibody
Description	Goat polyclonal to Pofut1
Host species	Goat
Specificity	This antibody is expected to recognize both reported isoforms (NP_056167.1; NP_758436.1).
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Chimpanzee, Chinese hamster 
Immunogen	Synthetic peptide corresponding to Human Pofut1 aa 81-95 (internal sequence) (Cysteine residue). (NP_056167.1; NP_758436.1) Sequence: C-TNLHVSYQKYFKLEP Database link: Q9H488  Run BLAST with  Run BLAST with
Positive control	WB: Pofut1 with myc and DYKDDDDK-tag transfected HEK-293 cell lysate. IHC-P: Human cerebral cortex tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team</p>

ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab240479** in the following tested applications.

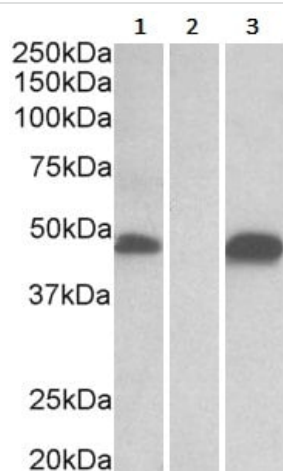
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.3 - 1 µg/ml. Predicted molecular weight: 44 kDa. 1 hour primary incubation is recommended for this product.
IHC-P		Use a concentration of 2 - 4 µg/ml. Steamed antigen retrieval with citrate buffer pH 6.

Target

Function	Catalyzes the reaction that attaches fucose through an O-glycosidic linkage to a conserved serine or threonine residue in EGF domains. Plays a crucial role in Notch signaling.
Tissue specificity	Highly expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 68 family.
Cellular localization	Endoplasmic reticulum.

Images



Western blot - Anti-Pofut1 antibody (ab240479)

Lanes 1-2 : Anti-Pofut1 antibody (ab240479) at 1 µg/ml

Lane 3 : Anti-Myc tag at 1/1000 dilution

Lane 1 : Pofut1 with myc and DYKDDDDK tag transfected HEK-293 (human epithelial cell line from embryonic kidney) cell lysate in RIPA buffer

Lane 2 : Untransfected HE-293 cell lysate in RIPA buffer

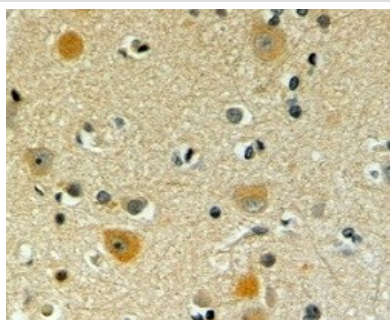
Lane 3 : Pofut1 with myc and DYKDDDDK-tag transfected HEK-293 cell lysate in RIPA buffer

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Predicted band size: 44 kDa

Primary incubation for 1 hour.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Pofut1 antibody (ab240479)

Paraffin-embedded human cerebral cortex tissue stained for Pofut1 using ab240479 at 3 µg/ml in immunohistochemical analysis. HRP staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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