

Anti-GNPAT/DAPAT antibody ab75060

★★★★★ [1 Abreviews](#) [3 References](#) [1 Image](#)

Overview

Product name	Anti-GNPAT/DAPAT antibody
Description	Rabbit polyclonal to GNPAT/DAPAT
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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 and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p>
Purity	Immunogen affinity purified
Purification notes	ab75060 was purified using an epitope-specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab75060 in the following tested applications.

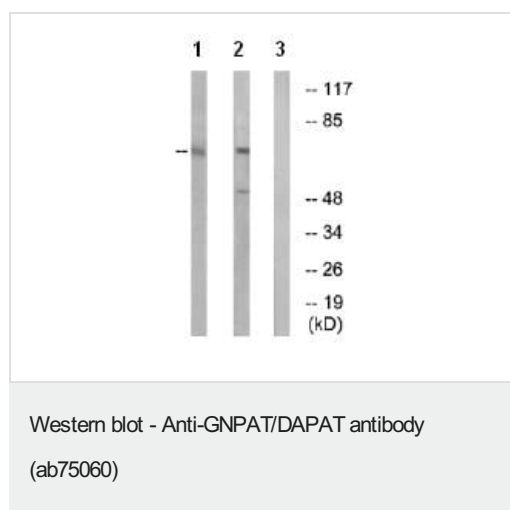
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 77 kDa.

Target

Pathway	Membrane lipid metabolism; glycerophospholipid metabolism.
Involvement in disease	Defects in GNPAT are the cause of rhizomelic chondrodysplasia punctata type 2 (RCDP2) [MIM:222765]. RCDP2 is characterized by rhizomelic shortening of femur and humerus, vertebral disorders, cataract, cutaneous lesions and severe mental retardation.
Sequence similarities	Belongs to the GPAT/DAPAT family.
Domain	The HXXXXD motif is essential for acyltransferase activity and may constitute the binding site for the phosphate moiety of the glycerol-3-phosphate.
Cellular localization	Peroxisome membrane. Exclusively localized to the luminal side of the peroxisomal membrane.

Images



All lanes : Anti-GNPAT/DAPAT antibody (ab75060) at 1/500 dilution

Lane 1 : extracts from HT-29 cells

Lane 2 : extracts from RAW264.7 cells

Lane 3 : extracts from HT-29 cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 77 kDa

Observed band size: 77 kDa

Additional bands at: 50 kDa. We are unsure as to the identity of these extra bands.

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

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