

Product datasheet

Anti-MPP2/DLG2 antibody ab231542

[4 Images](#)

Overview

Product name	Anti-MPP2/DLG2 antibody
Description	Rabbit polyclonal to MPP2/DLG2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human, Pig
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human MPP2/DLG2 aa 300 to the C-terminus. N-terminal tags. Expressed in E. coli. Database link: Q14168 Run BLAST with Run BLAST with
Positive control	WB: Recombinant human MPP2/DLG2 protein; porcine and mouse cerebrum tissue lysate. IHC-P: Human kidney tissue.
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. 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: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231542 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
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 65 kDa.

Target

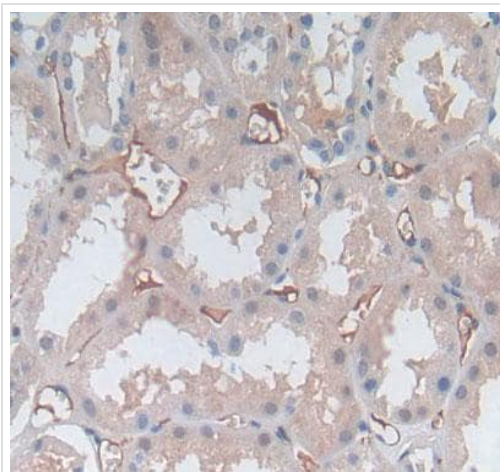
Relevance

MPP2/DLG2 (Palmitoylated membrane protein 2) is a member of a family of membrane associated proteins termed MAGUKs (membrane associated guanylate kinase homologs). These proteins interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. MPP2/DLG2 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction.

Cellular localization

Cell Membrane; integral membrane protein

Images



Formalin-fixed, paraffin-embedded human kidney tissue stained for MPP2/DLG2 using ab231542 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPP2/DLG2 antibody (ab231542)



Western blot - Anti-MPP2/DLG2 antibody
(ab231542)

Anti-MPP2/DLG2 antibody (ab231542) at 2 μ g/ml + Porcine cerebrum tissue lysate

Developed using the ECL technique.

Predicted band size: 65 kDa

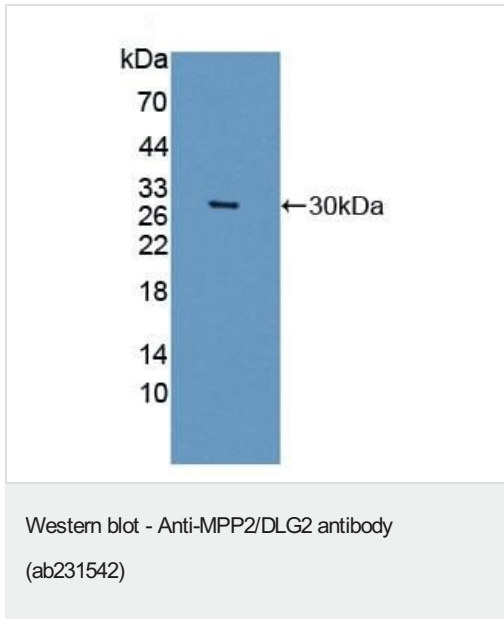


Western blot - Anti-MPP2/DLG2 antibody
(ab231542)

Anti-MPP2/DLG2 antibody (ab231542) at 2 μ g/ml + Mouse cerebrum tissue lysate

Developed using the ECL technique.

Predicted band size: 65 kDa



Anti-MPP2/DLG2 antibody (ab231542) at 2 µg/ml + Recombinant human MPP2/DLG2 protein

Developed using the ECL technique.

Predicted band size: 65 kDa

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

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