abcam

Product datasheet

Anti-PDP2 antibody ab233517

1 References 6 Images

Overview

Product name	Anti-PDP2 antibody
Description	Rabbit polyclonal to PDP2
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Mouse, Rat
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Rat PDP2 aa 1-200. Two N-terminal tags; Expressed in E.coli. Database link: **O88484** Run BLAST with Run BLAST with
Positive control	IHC-P: Rat stomach, cerebrum and liver tissue. WB: Mouse skeletal muscle lysate, Rat serum; Recombinant rat PDP2 protein.
General notes	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. 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

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
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233517 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 0.2 - 2 µg/ml.
IHC-P		Use a concentration of 5 - 20 µg/ml.

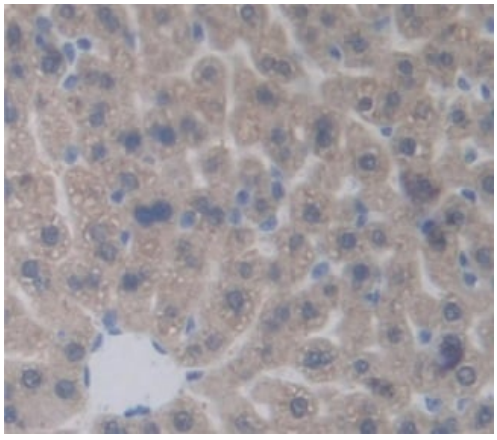
Target

Function Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.

Sequence similarities Belongs to the PP2C family.

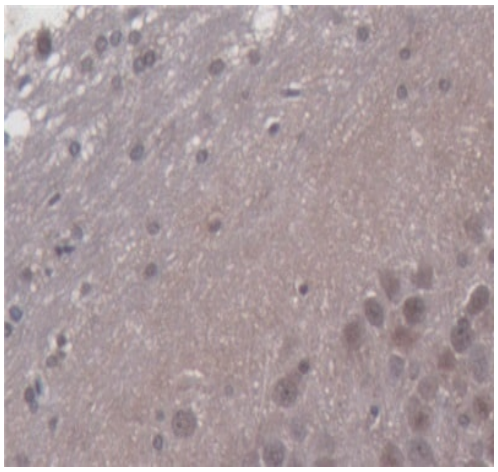
Cellular localization Mitochondrion matrix.

Images



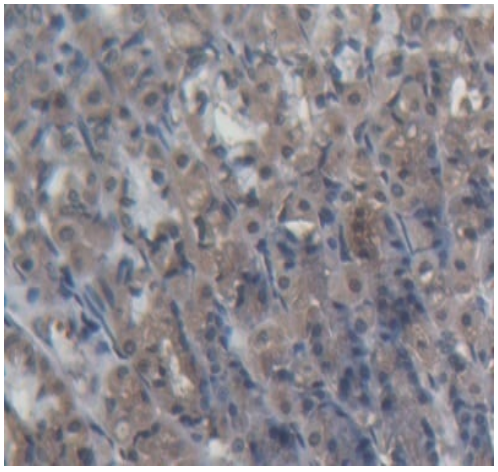
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDP2 antibody (ab233517)

Formalin-fixed, paraffin-embedded rat liver tissue stained for PDP2 using ab233517 at 20 µg/ml in immunohistochemical analysis. DAB staining.



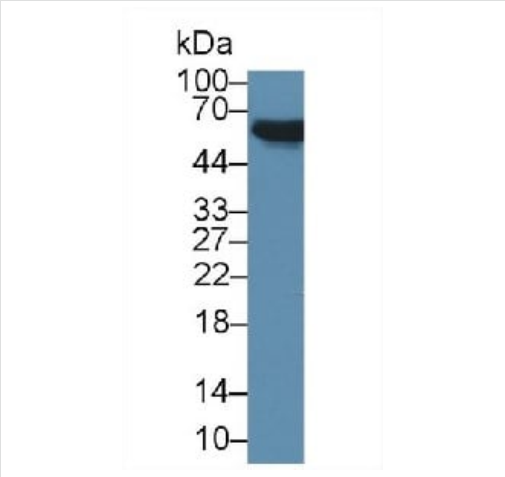
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDP2 antibody (ab233517)

Formalin-fixed, paraffin-embedded rat cerebrum tissue stained for PDP2 using ab233517 at 20 µg/ml in immunohistochemical analysis. DAB staining.



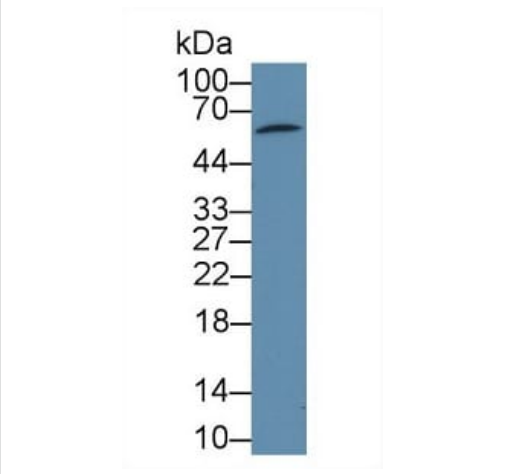
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDP2 antibody (ab233517)

Formalin-fixed, paraffin-embedded rat stomach tissue stained for PDP2 using ab233517 at 20 µg/ml in immunohistochemical analysis. DAB staining.



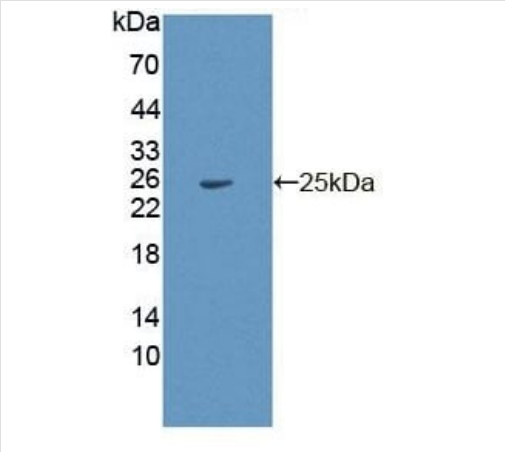
Western blot - Anti-PDP2 antibody (ab233517)

Anti-PDP2 antibody (ab233517) at 1 µg/ml + Rat serum



Western blot - Anti-PDP2 antibody (ab233517)

Anti-PDP2 antibody (ab233517) at 1 µg/ml + Mouse skeletal muscle lysate



Western blot - Anti-PDP2 antibody (ab233517)

Anti-PDP2 antibody (ab233517) at 1 µg/ml + Recombinant rat PDP2 protein

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