



Anti-LCN12 antibody ab231146

3 Images

Overview

Product name	Anti-LCN12 antibody
Description	Rabbit polyclonal to LCN12
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment (His-tag) corresponding to Human LCN12 aa 50 to the C-terminus. (N-terminal His-tag and GST-tag. Expressed in E.coli). Database link: Q6JVE5
	 Run BLAST with  Run BLAST with
Positive control	WB: Recombinant human LCN12 protein; Mouse testis 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: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab231146 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

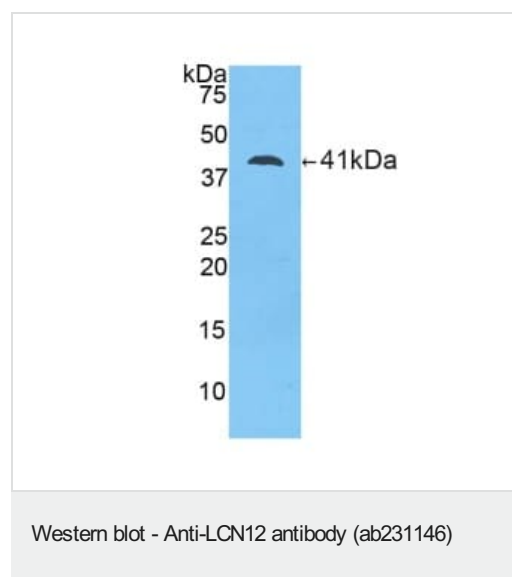
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab231146 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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: 22 kDa.

Target

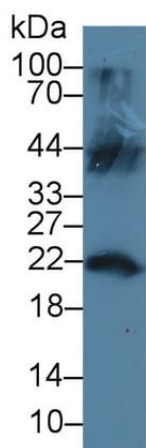
Function	Binds all-trans retinoic acid and may act as a retinoid carrier protein within the epididymis. May play a role in male fertility.
Sequence similarities	Belongs to the calycin superfamily. Lipocalin family.
Cellular localization	Secreted.

Images



Anti-LCN12 antibody (ab231146) at 2 µg/ml + Recombinant human LCN12 protein

Predicted band size: 22 kDa



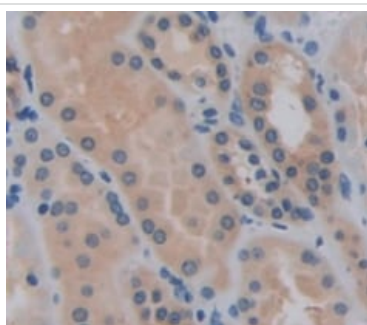
Western blot - Anti-LCN12 antibody (ab231146)

Anti-LCN12 antibody (ab231146) at 3 µg/ml + Mouse testis lysate

Secondary

HRP-Linked Guinea pig anti-Rabbit at 1/1000 dilution

Predicted band size: 22 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LCN12 antibody (ab231146)

Formalin-fixed, paraffin-embedded human kidney tissue stained for LCN12 with ab231146 at 20 µg/ml in immunohistochemical analysis. DAB staining.

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

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