



Anti-LRRN4CL antibody ab188018

4 Images

Overview

Product name	Anti-LRRN4CL antibody
Description	Rabbit polyclonal to LRRN4CL
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human LRRN4CL aa 1-150. Database link: Q8ND94 <div>  Run BLAST with  Run BLAST with </div>
Positive control	IHC-P: Human endometrium tissue; WB: Transfected HEK-293T whole cell lysates; ICC: BJ whole cells.
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: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab188018 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 0.04 - 0.4 µg/ml. Predicted molecular weight: 25 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

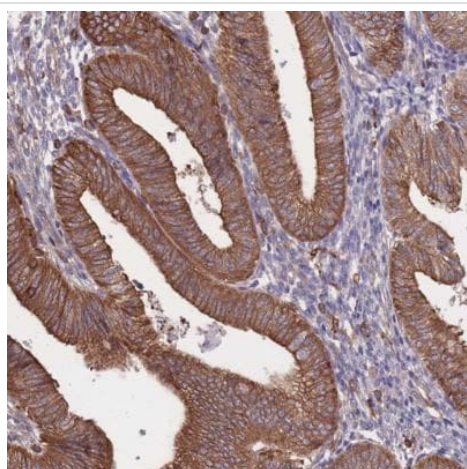
Sequence similarities

Contains 1 fibronectin type-III domain.

Cellular localization

Membrane.

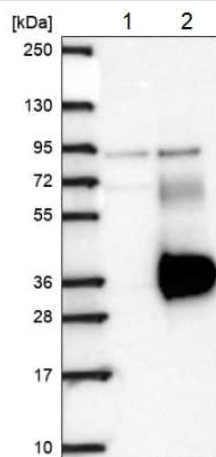
Images



Immunohistochemical analysis of paraffin-embedded human uterus tissue labeling LRRN4CL (high expression) with ab188018 at a 1/1000 dilution.

Performed heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRRN4CL antibody (ab188018)



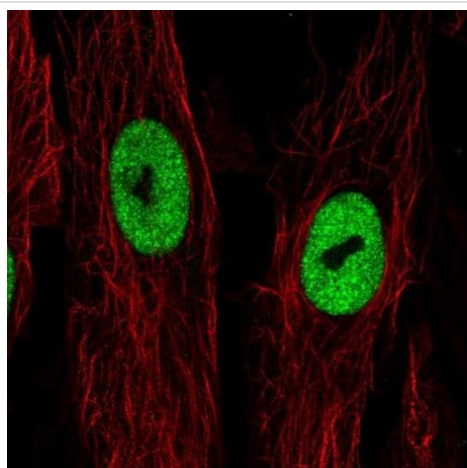
Western blot - Anti-LRRN4CL antibody (ab188018)

All lanes : Anti-LRRN4CL antibody (ab188018) at 0.4 $\mu\text{g/ml}$

Lane 1 : Control (vector only transfected) - HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

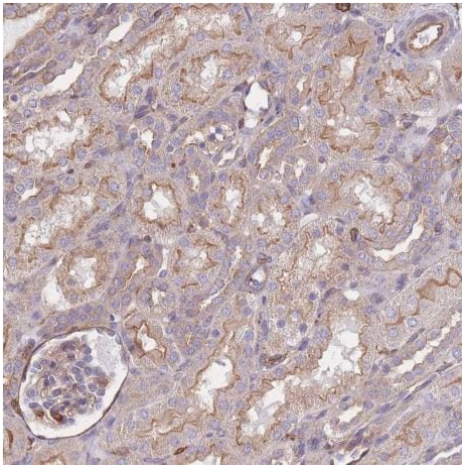
Lane 2 : LRRN4CL over-expression - HEK-293T whole cell lysate, Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa)

Predicted band size: 25 kDa



Immunocytochemistry/ Immunofluorescence - Anti-LRRN4CL antibody (ab188018)

Immunocytochemical analysis of BJ (Human skin fibroblast cell line) whole cells labeling LRRN4CL in the nucleoplasm with ab188018 at 2 $\mu\text{g/ml}$.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRRN4CL antibody (ab188018)

Immunohistochemical analysis of paraffin-embedded human kidney tissue labeling LRRN4CL (low expression) with ab188018 at a 1/1000 dilution.

Performed heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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

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