

Product datasheet

Anti-LRRTM3 antibody ab106640

3 Images

Overview

Product name	Anti-LRRTM3 antibody
Description	Rabbit polyclonal to LRRTM3
Host species	Rabbit
Specificity	This antibody will only detect the larger isoform of LRRTM3. Predicted to not cross-react with other LRRTM family members.
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	18 amino acid peptide from near to the carboxy terminus of Human LRRTM3 (NP_821079).
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (stable for up to 12 months).

Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Protein A purified
Purification notes	ab106640 is purified by affinity chromatography via a peptide column.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106640** in the following tested applications.

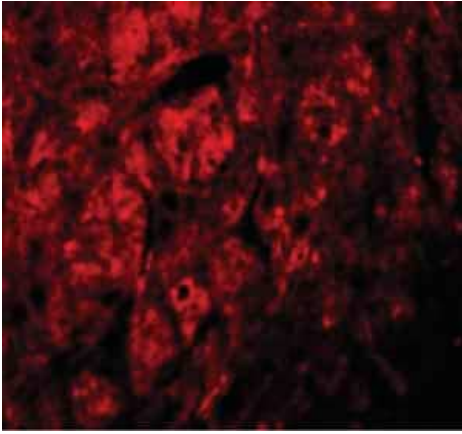
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 66 kDa.
IHC-P		Use at an assay dependent concentration.

Target

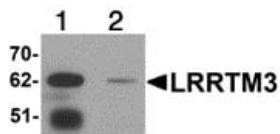
Function	May play a role in the development and maintenance of the vertebrate nervous system.
Tissue specificity	Expressed in neuronal tissues.
Sequence similarities	Belongs to the LRRTM family. Contains 10 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
Cellular localization	Membrane.

Images



Immunocytochemistry/ Immunofluorescence - Anti-LRRTM3 antibody (ab106640)

Immunofluorescence of LRRTM3 in Human brain tissue with ab106640 at 20 $\mu\text{g}/\text{mL}$.



Western blot - Anti-LRRTM3 antibody (ab106640)

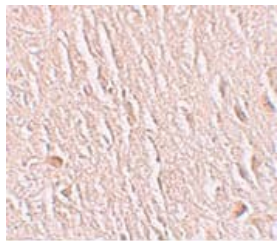
All lanes : Anti-LRRTM3 antibody (ab106640) at 0.5 $\mu\text{g}/\text{ml}$

Lane 1 : Mouse brain tissue lysate

Lane 2 : Mouse brain tissue lysate with blocking peptide

Lysates/proteins at 15 μg per lane.

Predicted band size: 66 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LRRTM3 antibody (ab106640)

Immunohistochemistry of LRRTM3 in human brain tissue with ab106640 at 2.5 $\mu\text{g}/\text{ml}$.

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

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