


Product datasheet

Anti-LRRTM1 antibody ab106414

1 Image

Overview

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<b>Product name</b>	Anti-LRRTM1 antibody
<b>Description</b>	Rabbit polyclonal to LRRTM1
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Predicted to work with:</b> Rat, Cow, Dog, Human, Pig, Macaque monkey, Gorilla, Orangutan 
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 450 to the C-terminus of Human LRRTM1. Read Abcam's proprietary immunogen policy
<b>Positive control</b>	This antibody gave a positive signal in the following tissue lysates: Mouse Forebrain; Mouse Hippocampus; Mouse Brain P0; Mouse Olfactory Bulb.

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Note: Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

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Our [Abpromise guarantee](#) covers the use of **ab106414** in the following tested applications.

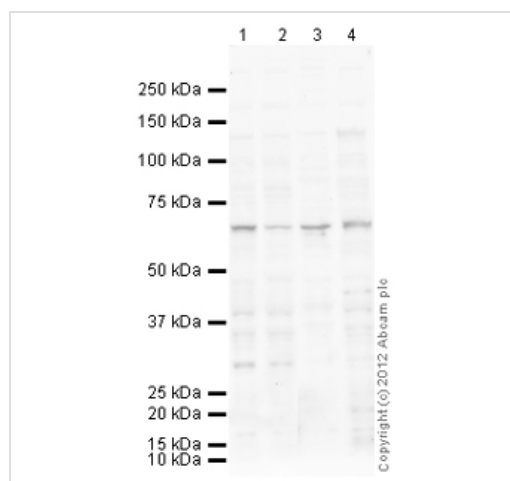
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/250. Detects a band of approximately 65 kDa (predicted molecular weight: 59 kDa).

## Target

<b>Function</b>	May play a role during the development of specific forebrain structures by influencing neuronal differentiation and connectivity, with a possible role in intracellular trafficking within axons.
<b>Tissue specificity</b>	Predominantly expression in forebrain regions including thalamus and cerebral cortex.
<b>Sequence similarities</b>	Belongs to the LRRTM family. Contains 9 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
<b>Cellular localization</b>	Endoplasmic reticulum membrane.

## Images



Western blot - Anti-LRRTM1 antibody (ab106414)

**All lanes** : Anti-LRRTM1 antibody  
(ab106414) at 1/250 dilution

**Lane 1** : Forebrain (Mouse) Tissue Lysate

**Lane 2** : Mouse Hippocampus Tissue Lysate

**Lane 3** : Mouse brain tissue lysate - total  
protein (0 days) ([ab7188](#))

**Lane 4** : Mouse Olfactory Bulb Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed  
([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique

Performed under reducing conditions.

**Predicted band size** : 59 kDa

**Observed band size** : 65 kDa

**Additional bands at** : 130 kDa, 30 kDa, 40  
kDa. We are unsure as to the identity of these  
extra bands.

**Exposure time** : 8 minutes

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- Valid for 12 months from date of delivery
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