

Product datasheet

Anti-C9orf72 antibody [EPR22021] ab221137

Recombinant RabMAb

[3 References](#) [3 Images](#)

Overview

Product name	Anti-C9orf72 antibody [EPR22021]
Description	Rabbit monoclonal [EPR22021] to C9orf72
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: C6, Neuro-2a, SH-SY5Y, U-87 MG and PC-12 whole cell lysate. Rat, human and mouse brain lysate. Human hippocampus lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22021

Applications

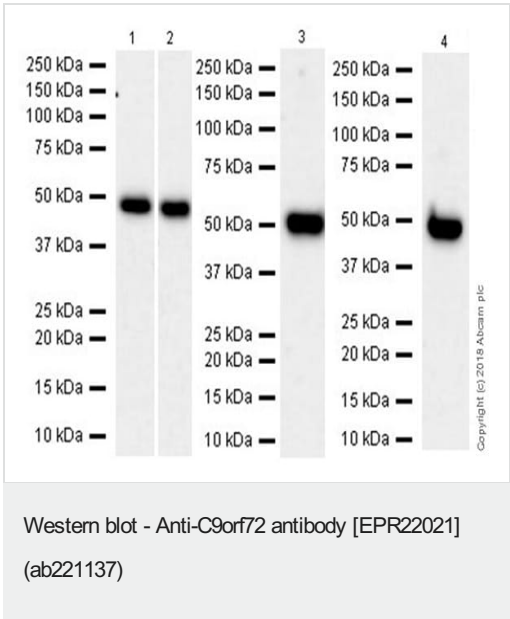
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab221137 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 54 kDa (predicted molecular weight: 54 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

Images



All lanes : Anti-C9orf72 antibody [EPR22021] (ab221137) at 1/1000 dilution

- Lane 1 :** C6 (rat glial tumor glial cell line) whole cell lysate
Lane 2 : PC-12 (rat adrenal gland pheochromocytoma cell line) whole cell lysate
Lane 3 : Mouse brain tissue lysate
Lane 4 : Rat brain tissue lysate

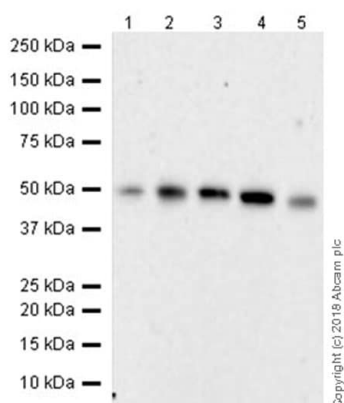
Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 54 kDa
Observed band size: 54 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-C9orf72 antibody [EPR22021] (ab221137)

All lanes : Anti-C9orf72 antibody [EPR22021] (ab221137) at 1/1000 dilution

Lane 1 : Neuro-2a (mouse neuroblastoma cell line) whole cell lysate

Lane 2 : SH-SY5Y (human neuroblastoma cell line from bone marrow) whole cell lysate

Lane 3 : U-87 MG (human glioblastoma-astrocytoma epithelial cell line) whole cell lysate

Lane 4 : Human brain lysate

Lane 5 : Human hippocampus lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 54 kDa

Observed band size: 54 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-C9orf72 antibody [EPR22021] (ab221137)

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

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