

Product datasheet

Anti-DDX27 antibody [2251C2α] ab50696

[3 Images](#)

Overview

Product name	Anti-DDX27 antibody [2251C2α]
Description	Mouse monoclonal [2251C2α] to DDX27
Host species	Mouse
Tested applications	Suitable for: WB, ICC
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant human DDX27
Positive control	HeLa cells and HeLa and NIH3T3 cell lysates
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.
Storage buffer	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: PBS, 0.0225% Potassium chloride, 0.03% Potassium phosphate, 0.1312% Sodium phosphate, 0.812% Sodium chloride, 1% BSA
Purity	Protein G purified
Purification notes	ab50696 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22 µm membrane.
Clonality	Monoclonal
Clone number	2251C2α

Isotype

IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab50696 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		1/50. Predicted molecular weight: 90 kDa.
ICC		1/5.

Target

Function

Probable ATP-dependent RNA helicase.

Sequence similarities

Belongs to the DEAD box helicase family. DDX27/DRS1 subfamily.

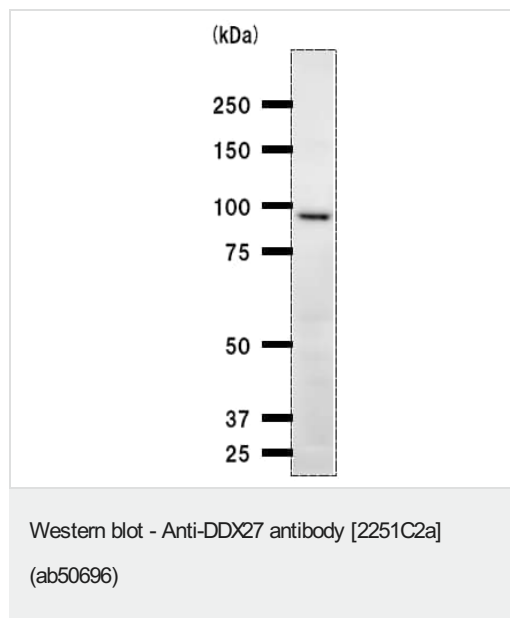
Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

Cellular localization

Nucleus.

Images



Anti-DDX27 antibody [2251C2a] (ab50696) at 1/50 dilution + HeLa whole cell lysate at 25 µg

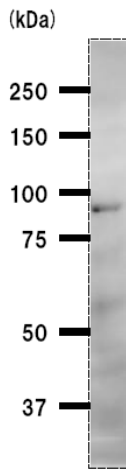
Secondary

Mouse IgG at 1/2500 dilution

Developed using the ECL technique.

Predicted band size: 90 kDa

Observed band size: 90 kDa



Western blot - Anti-DDX27 antibody [2251C2a] (ab50696)

Anti-DDX27 antibody [2251C2a] (ab50696) at 1/50 dilution + NIH3T3 whole cell lysate at 25 μ g

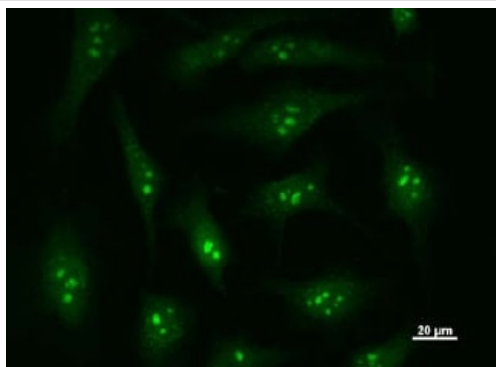
Secondary

Mouse IgG at 1/2500 dilution

Developed using the ECL technique.

Predicted band size: 90 kDa

Observed band size: 90 kDa



Immunocytochemistry - Anti-DDX27 antibody [2251C2a] (ab50696)

ab50696 at 1/5 dilution staining human DDX27 in HeLa cells by Immunocytochemistry. A 1/200 dilution of AlexaFluor488 Goat Anti-mouse IgG was used as secondary.

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

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