


Product datasheet

Anti-REDD-1/DDIT4 antibody ab106356

[8 References](#) [2 Images](#)

Overview

Product name	Anti-REDD-1/DDIT4 antibody
Description	Rabbit polyclonal to REDD-1/DDIT4
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P Unsuitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Human 
Immunogen	Synthetic peptide corresponding to Human REDD-1/DDIT4 (internal sequence). Database link: NP_061931
Positive control	IHC-P: Mouse kidney tissue. ICC/IF: Mouse kidney tissue.
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 (stable for up to 12 months).
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106356 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 at an assay dependent concentration. ICC/IF for Mouse samples only
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval via the microwave method before commencing with IHC staining protocol. IHC-P for Mouse samples only

Application notes

Is unsuitable for WB.

Target

Function

Inhibits cell growth by regulating the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. Promotes neuronal cell death.

Tissue specificity

Broadly expressed, with lowest levels in brain, skeletal muscle and intestine. Up-regulated in substantia nigra neurons from Parkinson disease patients (at protein level).

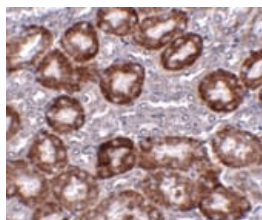
Sequence similarities

Belongs to the DDIT4 family.

Cellular localization

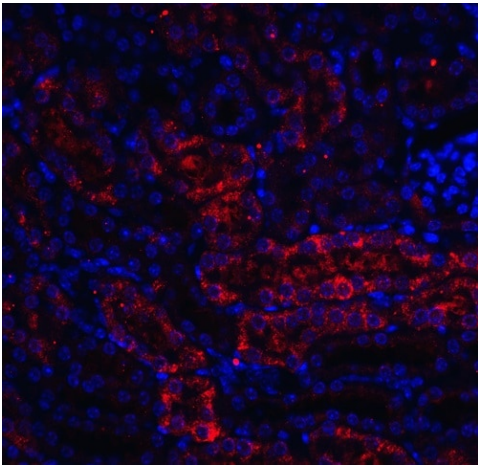
Cytoplasm.

Images



Immunohistochemistry detection of REDD-1/DDIT4 in paraffin embedded mouse kidney tissue section using ab106356 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-REDD-1/DDIT4 antibody (ab106356)



Immunofluorescence of REDD-1/DDIT4 in mouse kidney tissue with ab106356 at 20 µg/mL.

Immunocytochemistry/ Immunofluorescence - Anti-REDD-1/DDIT4 antibody (ab106356)

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

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