


### Anti-DDIT3 (phospho S30) antibody ab63392

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

#### Overview

<b>Product name</b>	Anti-DDIT3 (phospho S30) antibody
<b>Description</b>	Rabbit polyclonal to DDIT3 (phospho S30)
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody detects endogenous levels of GADD153 only when phosphorylated at serine 30.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide corresponding to Human DDIT3 (phospho S30). Database link: <a href="#">P35638</a>
<b>Positive control</b>	A549 cells and human breast carcinoma tissue
<b>General notes</b>	<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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride  Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

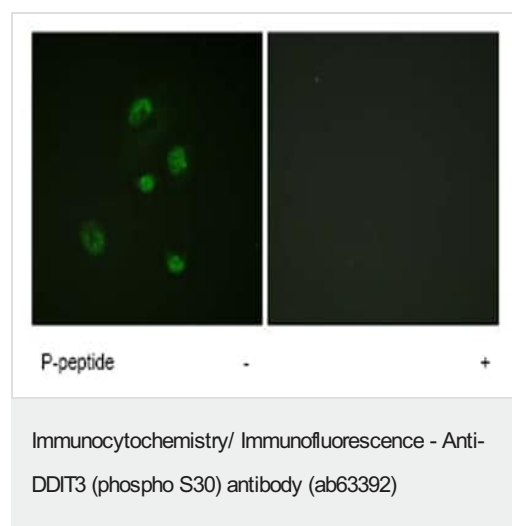
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab63392 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/500 - 1/1000.
IHC-P		1/50 - 1/100.

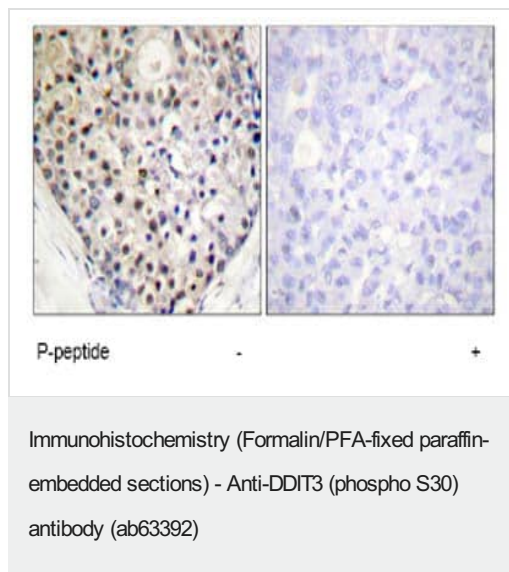
## Target

<b>Function</b>	Inhibits the DNA-binding activity of C/EBP and LAP by forming heterodimers that cannot bind DNA.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving DDIT3 is found in a patient with malignant myxoid liposarcoma. Translocation t(12;16)(q13;p11) with FUS.
<b>Sequence similarities</b>	Belongs to the bZIP family. Contains 1 bZIP domain.
<b>Cellular localization</b>	Nucleus.

## Images



Immunofluorescence analysis of A549 cells, using ab63392 at 1:500 dilution.  
Left image untreated.  
Right image treated with phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ab63392 at 1:50 dilution.

Left image untreated.

Right image treated with phospho peptide.

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

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