

# Anti-TIGAR antibody ab62533

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

### Overview

<b>Product name</b>	Anti-TIGAR antibody
<b>Description</b>	Rabbit polyclonal to TIGAR
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide (Human) of 19 amino acids from a region near the centre of TIGAR
<b>Positive control</b>	MCF7 cell lysate Human brain 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 +4°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

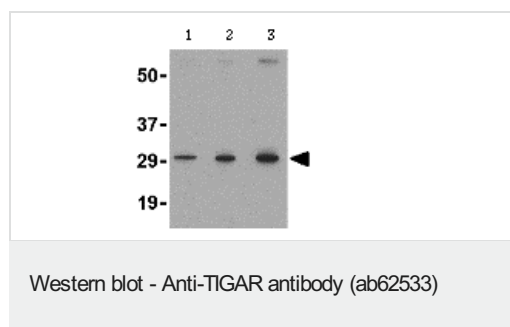
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab62533 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 µg/ml.
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 30 kDa).

## Target

<b>Function</b>	Probable fructose-biphosphatase. Lowers cellular levels of fructose 2,6-bisphosphate. Protects cells against reactive oxygen species and against apoptosis induced by p53/TP53.
<b>Sequence similarities</b>	Belongs to the phosphoglycerate mutase family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.

## Images



**Lane 1** : Anti-TIGAR antibody (ab62533) at 0.5 µg/ml

**Lane 2** : Anti-TIGAR antibody (ab62533) at 1 µg/ml

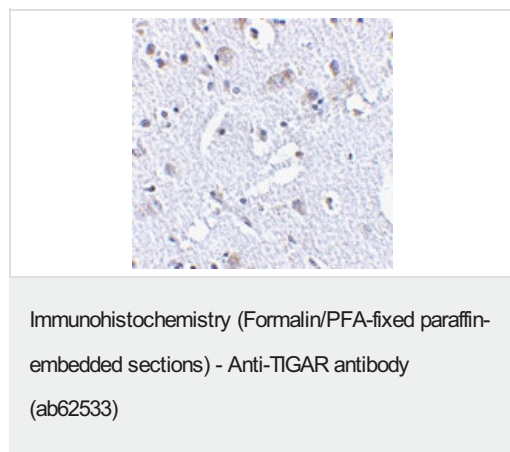
**Lane 3** : Anti-TIGAR antibody (ab62533) at 2 µg/ml

**All lanes** : MCF7 cell lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 30 kDa

**Observed band size:** 30 kDa



immunohistochemical analysis of TIGAR expression in human brain tissue using 2.5 µg/ml ab62533.

Immunocytochemistry/ Immunofluorescence - Anti-TIGAR antibody (ab62533)

Immunofluorescence of TIGAR in Human Brain cells using ab62533 at 20 ug/ml.

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

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