

## Product datasheet

# Anti-MAD3 antibody ab50729

1 Abreviews 1 Image

### Overview

<b>Product name</b>	Anti-MAD3 antibody
<b>Description</b>	Rabbit polyclonal to MAD3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB <b>Unsuitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Cow, Dog
<b>Immunogen</b>	A region within synthetic peptide: SPGPIHRRKK RPPQAPGAQD SGRSVHNELE KRRRAQLKRC LERLKQQMPL, corresponding to N terminal amino acids 37-86 of Human MAD3 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

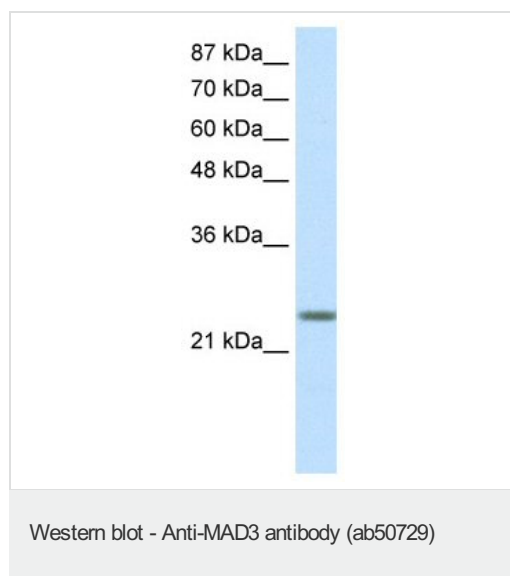
Our [Abpromise guarantee](#) covers the use of **ab50729** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay: 1/312500.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 µg/ml. Predicted molecular weight: 23 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
<b>Application notes</b>		Is unsuitable for ICC/IF.
<b>Target</b>		
<b>Function</b>		Transcriptional repressor. Binds with MAX to form a sequence-specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation.
<b>Sequence similarities</b>		Contains 1 basic helix-loop-helix (bHLH) domain.
<b>Cellular localization</b>		Nucleus.

## Images



Anti-MAD3 antibody (ab50729) at 0.5 µg/ml +  
Transfected 293T cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size:** 23 kDa

Gel concentration 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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