

## Product datasheet

# Anti-TNRC6B antibody ab84308

1 Image

### Overview

<b>Product name</b>	Anti-TNRC6B antibody
<b>Description</b>	Rabbit polyclonal to TNRC6B
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
<b>Immunogen</b>	Synthetic peptide corresponding to a region within the N terminal amino acids 180-229 (LQSESGTAPV WSKSTPPAPD NGTSAWGEPN ESSPGWGEMD DTGASTTGWG) of human TNRC6B (NP_001020014). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human fetal muscle lysate.

### 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: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified by peptide affinity chromatography method.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab84308** 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

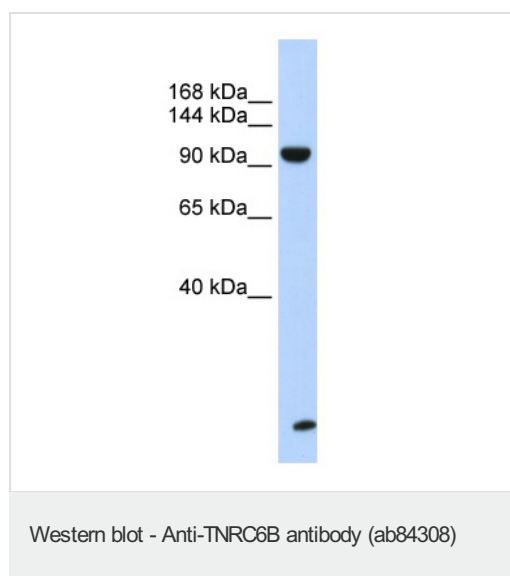
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 109 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

**Relevance** TNRC6B belongs to the GW182 family. It contains one RRM (RNA recognition motif) domain. TNRC6B plays a role in RNA mediated gene silencing by both micro RNAs (miRNAs) and short interfering RNAs (siRNAs). It is required for miRNA dependent translational repression and siRNA dependent endonucleolytic cleavage of complementary mRNAs by argonaute family proteins. There are three named isoforms.

**Cellular localization** Cytoplasm, P-body. Mammalian P-bodies are also known as GW bodies, GWBs.

## Images



Anti-TNRC6B antibody (ab84308) at 1 µg/ml (in 5% skim milk / PBS buffer) + human fetal muscle lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 109 kDa

**Observed band size:** 109 kDa

Gel concentration 6-18%

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

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