

## Product datasheet

# Anti-RND1 antibody ab118299

1 Image

### Overview

<b>Product name</b>	Anti-RND1 antibody
<b>Description</b>	Rabbit polyclonal to RND1
<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, Guinea pig, Cow, Cat, Dog, Zebrafish



### Immunogen

Synthetic peptide corresponding to a region within C terminal amino acids 183-232 (ASMLCLNKPS PLPQKSPVRS LSKRLLHLPS RSELISSTFK KEKAKSCSIM) of Human RND1 (NP\_055285).

Run BLAST with [ExPASy](#) Run BLAST with [NCBI](#)

### Positive control

THP1 cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Constituents: 97% PBS, 2% Sucrose
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab118299** in the following tested applications.

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

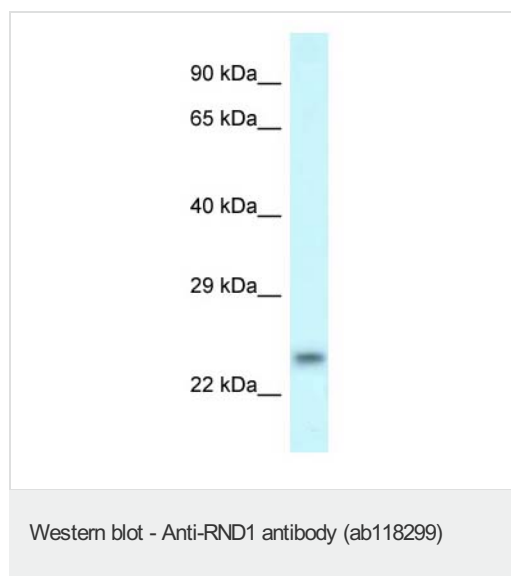
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 26 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Lacks intrinsic GTPase activity. Has a low affinity for GDP, and constitutively binds GTP. Controls rearrangements of the actin cytoskeleton. Induces the Rac-dependent neuritic process formation in part by disruption of the cortical actin filaments. Causes the formation of many neuritic processes from the cell body with disruption of the cortical actin filaments.
<b>Tissue specificity</b>	Mostly expressed in brain and liver.
<b>Sequence similarities</b>	Belongs to the small GTPase superfamily. Rho family.
<b>Cellular localization</b>	Cell membrane. Cytoplasm > cytoskeleton.

## Images



Anti-RND1 antibody (ab118299) at 1 µg/ml +  
THP1 cell lysate at 10 µg

**Predicted band size:** 26 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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