


## Product datasheet

# Anti-carabin antibody ab90064

1 Image

### Overview

<b>Product name</b>	Anti-carabin antibody
<b>Description</b>	Rabbit polyclonal to carabin
<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, Horse, Guinea pig, Cow, Cat, Dog 
<b>Immunogen</b>	Synthetic peptide corresponding to a region within N terminal amino acids 2-51 (AQALGEDLVQ PPELQDDSSS LGSDSELSP GPYRQADRYG FIGGSSAEPG) of Human carabin (NP_940919). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human fetal thymus lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None 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 **ab90064** in the following tested applications.

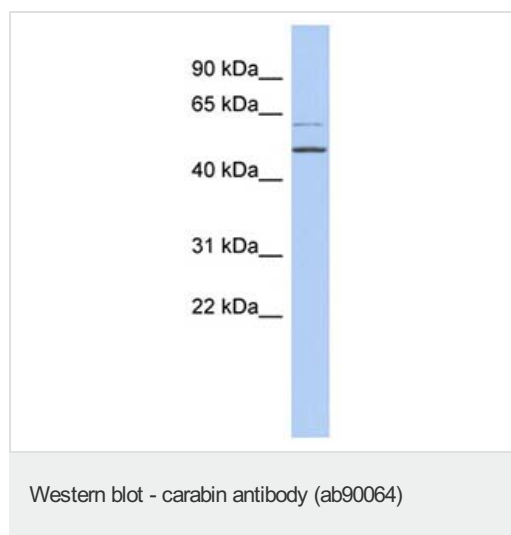
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 50 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Inhibits the Ras signaling pathway through its intrinsic Ras GTPase-activating protein (GAP) activity. Acts as a negative feedback inhibitor of the calcineurin signaling pathway that also mediates crosstalk between calcineurin and Ras.
<b>Tissue specificity</b>	Most abundant in spleen and peripheral blood leukocytes.
<b>Sequence similarities</b>	Contains 1 Rab-GAP TBC domain.

## Images



Anti-carabin antibody (ab90064) at 1 µg/ml (in 5% skim milk / PBS buffer) + Human fetal thymus lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 50 kDa

Gel concentration: 12%

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