

Product datasheet

Anti-AGAP1 antibody ab77031

1 Image

Overview

<b>Product name</b>	Anti-AGAP1 antibody
<b>Description</b>	Mouse polyclonal to AGAP1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length Human AGAP1 protein (392aa, according to AAH60814.1)
<b>Positive control</b>	AGAP1-ransfected 293T cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab77031** 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		
WB		

<b>Application notes</b>	ELISA: Use at an assay dependent dilution. WB: 1/500 - 1/1000. Predicted molecular weight: 95 kDa (isoform 1).
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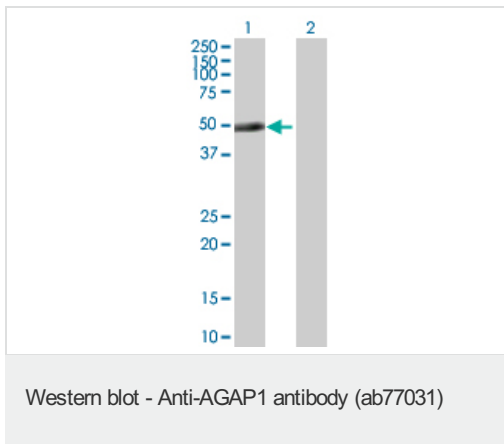
Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

<b>Function</b>	GTPase-activating protein for ARF1 and, to a lesser extent, ARF5. Directly and specifically regulates the adapter protein 3 (AP-3)-dependent trafficking of proteins in the endosomal-lysosomal system.
<b>Tissue specificity</b>	Widely expressed.
<b>Sequence similarities</b>	Belongs to the centaurin gamma-like family. Contains 2 ANK repeats. Contains 1 Arf-GAP domain. Contains 1 PH domain.
<b>Domain</b>	The PH domain mediates AP-3 binding.
<b>Post-translational modifications</b>	Phosphorylated on tyrosines.
<b>Cellular localization</b>	Cytoplasm. Associates with the endocytic compartment.

## Images



**All lanes :** Anti-AGAP1 antibody (ab77031) at 1/500 dilution

**Lane 1 :** Lysate from 293T cells, transfected with AGAP1 (392aa isoform)

**Lane 2 :** Lysate from non-transfected 293T cells

### Secondary

**All lanes :** Goat Anti-Mouse IgG (H&L) HRP-conjugated at 1/2500 dilution

**Predicted band size:** 95 kDa

**Observed band size:** 50 kDa

[why is the actual band size different from the predicted?](#)

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