

Product datasheet

Anti-AGAP1 antibody ab77031

1 Image

Overview

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

Properties

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

WB

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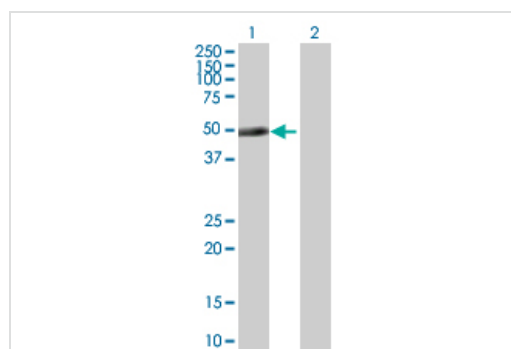
Not yet tested in other applications.

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

Target

Function	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.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the centaurin gamma-like family. Contains 2 ANK repeats. Contains 1 Arf-GAP domain. Contains 1 PH domain.
Domain	The PH domain mediates AP-3 binding.
Post-translational modifications	Phosphorylated on tyrosines.
Cellular localization	Cytoplasm. Associates with the endocytic compartment.

Images



Western blot - AGAP1 antibody (ab77031)

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

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