

## Datasheet for ABIN7565733 **anti-AGAP4 antibody**



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### Overview

Quantity:	25 µL
Target:	AGAP4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGAP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	AGAP4 Antibody
Immunogen:	Immunogen: Anti-AGAP4 antibody was prepared from whole rabbit serum produced by repeated immunizations with recombinant His-tagged AGAP4 protein. Immunogen Type: Recombinant Protein
Cross-Reactivity (Details):	An immunoblot assay detects overexpressed recombinant AGAP4.
Characteristics:	Synonyms: rabbit anti-AGAP4 antibody, AGAP-4, AGAP 4, CTGLF1, MRIP2, Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 4, Centaurin-gamma-like family member 1
Purification:	Anti-AGAP4 antibody was purified from monospecific antiserum by protein A affinity purification and the His-tag was removed by cross adsorption.
Sterility:	Sterile filtered

## Target Details

Target:	AGAP4
Alternative Name:	AGAP4 ( <a href="#">AGAP4 Products</a> )
Background:	Background: This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) (NCI). The AGAPs are the largest subgroup of the ArfGAP family with 11 genes in humans. AGAP4 (also known as Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 4) is a GTPase activating protein. It is overexpressed in cancer cells, prevents apoptosis and promotes cancer cell invasion. AGAP4 and other AGAP proteins likely function in the secretory pathway, which could explain a link with the invasive behavior of cancer cells. Reliable antibodies would be invaluable for studies of the physiologic function of the proteins and how it may be linked to cancer cell invasive behavior. Anti-AGAP4 Antibody is useful for researchers interested in Developmental Biology, apoptosis, Cancer, Immunology, and Nuclear Signaling research.
Gene ID:	119016
NCBI Accession:	<a href="#">NP_597703</a>
UniProt:	<a href="#">Q96P64</a>

## Application Details

Application Notes:	Application Note: Anti-AGAP4 antibody has been tested for use in western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 73 kDa in size corresponding to AGAP4 by western blotting in the appropriate cell lysate or extract. Western Blot Dilution: 1:1000 ELISA Dilution: 1:10,000 - 1:20,000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1.04 mg/mL
Buffer:	Optional[Buffer]: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at

## Handling

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the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

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Expiry Date: 12 months