



## Anti-AGAP1 monoclonal antibody, clone 4G3 (DCABH-10452)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	CENTG2 belongs to an ADP-ribosylation factor GTPase-activating (ARF-GAP) protein family involved in membrane traffic and actin cytoskeleton dynamics (Nie et al., 2002 [PubMed 12388557]).
<b>Immunogen</b>	AGAP1 (NP_055729.2, 672 a.a. ~ 781 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4G3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Cell lysate); Western Blot (Recombinant protein); Sandwich ELISA (Recombinant protein); ELISA
<b>Sequence Similarities</b>	LPCTELSLGQHLLRATADEDLRTAILLAHGSRDEVNETCGEGDGRRTALHLACRKGNVVL AQLLIWYGVDVTARDAHGNTALAYARQASSQECIDVLLQYGCPDERFVLM
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">AGAP1 ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	AGAP1
<b>Synonyms</b>	AGAP1; ArfGAP with GTPase domain, ankyrin repeat and PH domain 1; centaurin, gamma 2 , CENTG2; arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1; GGAP1; KIAA1099; centaurin-gamma-2; centaurin, gamma 2; GTP-binding and GTPase-activating protein 1; Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 1; AGAP-1; CENTG2; cnt-g2; MGC71657;
<b>Entrez Gene ID</b>	<a href="#">116987</a>
<b>Protein Refseq</b>	<a href="#">NP_001032208</a>
<b>UniProt ID</b>	<a href="#">B2RZG9</a>
<b>Chromosome Location</b>	2q37
<b>Pathway</b>	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
<b>Function</b>	ARF GTPase activator activity; GTP binding; metal ion binding; nucleotide binding; zinc ion binding;