



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

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

PRODUCT INFORMATION

Antigen Description	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]).
Immunogen	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.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4G3
Conjugate	Unconjugated
Applications	Western Blot (Cell lysate); Western Blot (Recombinant protein); Sandwich ELISA (Recombinant protein); ELISA
Sequence Similarities	LPCTELSLGQHLLRATADEDLRTAILLLAHGSRDEVNETCGEGDGRRTALHLACRKGNNVLAQLLI WYGVDVTARDAHGNTALAYARQASSQECIDVLLQYGCPDERFVLM
Size	1 ea
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AGAP1 ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 [Homo sapiens]
Official Symbol	AGAP1
Synonyms	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;

Entrez Gene ID	116987
Protein Refseq	NP_001032208
UniProt ID	B2RZG9
Chromosome Location	2q37
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	ARF GTPase activator activity; GTP binding; metal ion binding; nucleotide binding; zinc ion binding;
