



Anti-ASAP1 (aa 1030-1129) polyclonal antibody (DPAB-DC2096)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an ADP-ribosylation factor (ARF) GTPase-activating protein. The GTPase-activating activity is stimulated by phosphatidylinositol 4,5-bisphosphate (PIP2), and is greater towards ARF1 and ARF5, and lesser for ARF6. This gene maybe involved in regulation of membrane trafficking and cytoskeleton remodeling. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	DDEF1 (NP_060952, 1030 a.a. ~ 1129 a.a) partial recombinant protein with GST tag. The sequence is VQSRDAIQKQASEDSNDLTPTLPETPVPLPRKINTGKNKVRVRVKTIYDCQADNDDELTFI EGEVIIVTGEEDQEWWIGHIEGQPERKGVFPVSFVHILSD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ASAP1 ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 [Homo sapiens (human)]
Official Symbol	ASAP1
Synonyms	ASAP1; ArfGAP with SH3 domain, ankyrin repeat and PH domain 1; PAP; PAG2; AMAP1; DDEF1; ZG14P; CENTB4; arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1; DEF-1; centaurin, beta 4; PIP2-dependent ARF1 GAP; ARF GTPase-activating protein 1; development and differentiation-enhancing factor 1; ADP-ribosylation factor-directed GTPase-activating protein 1; 130 kDa phosphatidylinositol 4,5-bisphosphate-dependent ARF1 GTPase-activating protein; 130 kDa phosphatidylinositol 4,5-bisphosphate-dependent ARF1 GTPase-activating protein;
Entrez Gene ID	50807
Protein Refseq	NP_001234925
UniProt ID	Q9ULH1
Chromosome Location	8q24.1-q24.2
Pathway	Arf1 pathway; Endocytosis; Signaling events mediated by focal adhesion kinase;
Function	ARF GTPase activator activity; protein binding; zinc ion binding;