

Anti-ASAP2 antibody



Description	Unconjugated Rabbit polyclonal to ASAP2
Model	STJ190149
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ASAP2 protein.
Immunogen Region	640-720aa
Gene ID	8853
Gene Symbol	ASAP2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ASAP2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in heart, brain, placenta, kidney, monocytes and pancreas.
Purification	ASAP2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 Development and differentiation-enhancing factor 2 Paxillin-associated protein with ARF GAP activity 3 PAG3 Pyk2 C-terminus-associated protein PAP
Molecular Weight	110 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2721OMIM:603817
Alternative Names	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2 Development and differentiation-enhancing factor 2 Paxillin-associated protein with ARF GAP activity 3 PAG3 Pyk2 C-terminus-associated protein PAP
Function	Activates the small GTPases ARF1, ARF5 and ARF6. Regulates the formation of post-Golgi vesicles and modulates constitutive secretion. Modulates phagocytosis mediated by Fc gamma receptor and ARF6. Modulates PXN recruitment to focal contacts and cell migration.
Sequence and Domain Family	The conserved Arg-464 in the Arf-GAP domain probably becomes part of the active site of bound small GTPases and is necessary for GTP hydrolysis.
Cellular Localization	Cytoplasm. Golgi apparatus, Golgi stack membrane. Peripheral membrane protein. Cell membrane. Peripheral membrane protein. Colocalizes with F- actin and ARF6 in phagocytic cups.
Post-translational Modifications	Phosphorylated on tyrosine residues by SRC and PTK2B.

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