

Product datasheet for **TA319368**

ASAP3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1,000 - 1:10,000, WB: 1:200 - 1:2,000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This antibody was prepared from whole rabbit serum produced by repeated immunizations with recombinant human UPLC1/ASAP3 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ArfGAP with SH3 domain, ankyrin repeat and PH domain 3
Database Link:	NP_060177 Entrez Gene 55616 Human Q8TDY4
Synonyms:	ACAP4; CENTB6; DDEFL1; UPLC1

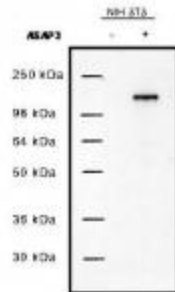


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Note: This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Anti-UPLC1 (up-regulated in liver cancer 1) / ASAP3 Antibody, also named DDEFL1 (development and differentiation-enhancing factor-like 1) or ASAP3, is a member of the AZAP family of proteins. These proteins catalyze the hydrolysis of GTP bound to ADP-ribosylation factor (Arf) proteins, thereby causing Arf inactivation. For this reason, the ASAPs are generally called ArfGAPs. The activity of ArfGAPs is dependent on the presence of phosphoinositides and is implicated in cellular processes such as membrane trafficking and remodeling of the actin cytoskeleton. ASAP3 has been found to be up-regulated in 80% of the hepatocellular carcinomas examined. Initial biochemical characterization reveals that ASAP3 shows class-specific GAP activity on Arf proteins, preferring Arf5 over Arf1 and Arf6. ASAP3 antibody has been developed through the NCI antibody collaboration program and is ideal for Cancer and Signal Transduction research.

Protein Pathways: Endocytosis, Fc gamma R-mediated phagocytosis

Product images:



Western blot using protein A purified anti-UPLC1/ASAP3 antibody shows detection of UPLC1/ASAP3 in NIH/3T3 cells over-expressing the protein. Cell extracts (5 ug) were resolved by electrophoresis and transferred to nitrocellulose. The membrane was probed with anti-UPLC1/ASAP3 at a 1:10,000 dilution. Personal Communication, Vi Luan HA, CCR-NCI, Bethesda, MD.