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ASAP3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11003a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8TDY4
Other Accession	NP_001137250.1, NP_060177.2
Reactivity	Human, Hamster
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25488
Calculated MW	99155
Antigen Region	26-54

Additional Information

Gene ID	55616
Other Names	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 3, Development and differentiation-enhancing factor-like 1, Protein up-regulated in liver cancer 1, ASAP3, DDEFL1, UPLC1
Target/Specificity	This ASAP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-54 amino acids from the N-terminal region of human ASAP3.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ASAP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ASAP3
Synonyms	DDEFL1, UPLC1

Function	Promotes cell proliferation.
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in primary hepatocarcinoma. Detected in lung, liver and blood leukocytes

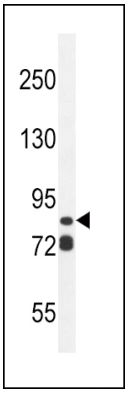
Background

This gene encodes a member of a subfamily of ADP-ribosylation factor(Arf) GTPase-activating proteins that contain additional ankyrin repeat and pleckstrin homology domains. The Arf GAP domain of this protein catalyzes the hydrolysis of GTP bound to Arf proteins. The encoded protein promotes cell differentiation and migration and has been implicated in cancer cell invasion. Alternative splicing results in multiple transcript variants.

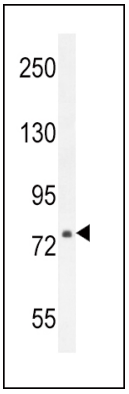
References

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Ha, V.L., et al. J. Biol. Chem. 283(22):14915-14926(2008)
Fang, Z., et al. Mol. Cell Proteomics 5(8):1437-1449(2006)
Okabe, H., et al. Int. J. Oncol. 24(1):43-48(2004)

Images

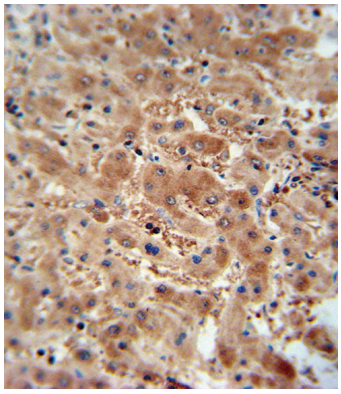


ASAP3 Antibody (N-term) (Cat. #AP11003a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the ASAP3 antibody detected the ASAP3 protein (arrow).



ASAP3 Antibody (N-term) (Cat. #AP11003a) western blot analysis in CHO cell line lysates (35ug/lane).This demonstrates the ASAP3 antibody detected the ASAP3 protein (arrow).

ASAP3 antibody (N-term) (Cat. #AP11003a) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ASAP3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.