



Rabbit Anti-phospho-ASAP1 (Tyr782) antibody

SL5176R

Product Name:	phospho-ASAP1 (Tyr782)
Chinese Name:	磷酸化发育分化增强因子1抗体
Alias:	ASAP1 (phospho-Tyr782); ASAP1 (phospho-Y782); p-ASAP1 (Tyr782); p-ASAP1 (Y782); ASAP1 / DDEF1; AMAP 1; AMAP1; AMAP-1; ARF GTPase activating protein 1; ASAP 1; Centaurin beta 4; CentB4; DDEF 1; DDEF1 protein; PAG 2; PAG2; PAG-2; PAP; PIP2 dependent ARF1 GAP; ZG 14P; ZG14P; Development and differentiation enhancing factor 1; 130 kDa phosphatidylinositol 4 5 biphosphate dependent ARF1 GTPase activating protein; ADP ribosylation factor directed GTPase activating protein 1; ASAP1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	125kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from mouse DDEF1 around the phosphorylation site of Tyr782:LS(p-Y)GA
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

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. [provided by RefSeq, Oct 2011]

Function:

Possesses phosphatidylinositol 4,5-bisphosphate-dependent GTPase-activating protein activity for ARF1 (ADP ribosylation factor 1) and ARF5 and a lesser activity towards ARF6. May coordinate membrane trafficking with cell growth or actin cytoskeleton remodeling by binding to both SRC and PIP2. May function as a signal transduction protein involved in the differentiation of fibroblasts into adipocytes and possibly other cell types (By similarity). Plays a role in ciliogenesis.

Subunit:

Homodimer. Interacts with SRC and CRK. Interacts with RAB11FIP3. Interacts with PTK2B/PYK2. Interacts with CTTN. Interacts (via SH3 domain) with APC.

Subcellular Location:

Cytoplasm. Membrane. Note=Predominantly cytoplasmic. Partially membrane-associated

Post-translational modifications:

Phosphorylated on tyrosine residues by SRC

Similarity:

Contains 2 ANK repeats.
Contains 1 Arf-GAP domain.
Contains 1 PH domain.
Contains 1 SH3 domain.

SWISS:

Q9ULH1

Gene ID:

50807

Database links:

[Entrez Gene: 50807](#) Human

[Entrez Gene: 327705](#) Cow

[Omim: 605953](#) Human

Product Detail:

[SwissProt: O97902](#) Cow

[SwissProt: Q9ULH1](#) Human

[SwissProt: Q9QWY8](#) Mouse

[Unigene: 106015](#) Human

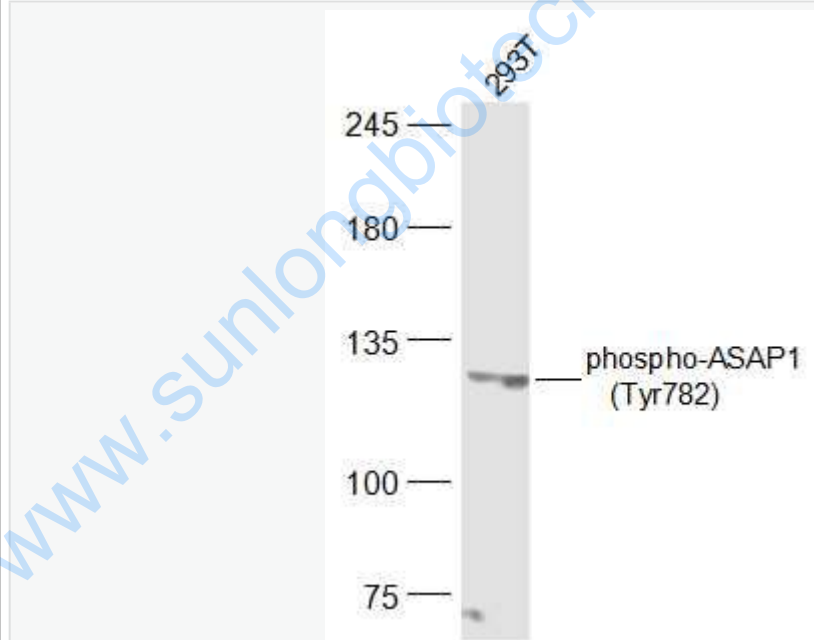
[Unigene: 655552](#) Human

[Unigene: 277236](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

293T(Human) Cell Lysate at 40 ug

Primary: Anti-phospho-ASAP1 (Tyr782) (SL5176R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 125 kD

	Observed band size: 125 kD
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