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## Datasheet for ABIN7466765 **anti-ASAP2 antibody (N-Term)**

### Overview

Quantity:	100 µL
Target:	ASAP2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASAP2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human PAG3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	ASAP2
Alternative Name:	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 ( <a href="#">ASAP2 Products</a> )
Background:	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 , AMAP2 , CENTB3 , DDEF2 , PAG3 ,

## Target Details

PAP , Pap-alpha , SHAG1, This gene encodes a multidomain protein containing an N-terminal alpha-helical region with a coiled-coil motif, followed by a pleckstrin homology (PH) domain, an Arf-GAP domain, an ankyrin homology region, a proline-rich region, and a C-terminal Src homology 3 (SH3) domain. The protein localizes in the Golgi apparatus and at the plasma membrane, where it colocalizes with protein tyrosine kinase 2-beta (PYK2). The encoded protein forms a stable complex with PYK2 in vivo. This interaction appears to be mediated by binding of its SH3 domain to the C-terminal proline-rich domain of PYK2. The encoded protein is tyrosine phosphorylated by activated PYK2. It has catalytic activity for class I and II ArfGAPs in vitro, and can bind the class III Arf ARF6 without immediate GAP activity. The encoded protein is believed to function as an ARF GAP that controls ARF-mediated vesicle budding when recruited to Golgi membranes. In addition, it functions as a substrate and downstream target for PYK2 and SRC, a pathway that may be involved in the regulation of vesicular transport. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Molecular Weight: 112 kDa

Gene ID: 8853

UniProt: [O43150](#)

## Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse brain , A431 , Raji

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.77 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

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Storage:	4 °C,-20 °C
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Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
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