

## 11-8069: Polyclonal Antibody to ASAP1

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	ASAP1
<b>Gene ID :</b>	50807
<b>Uniprot ID :</b>	Q9ULH1
<b>Format :</b>	Purified
<b>Alternative Name :</b>	130 kDa phosphatidylinositol 4,5-bisphosphate-dependent ARF1 GTPase-activating protein, ADP-ribosylation factor-directed GTPase-activating protein 1, Development and differentiation-enhancing factor 1, PIP2-dependent ARF1 GAP, DDEF1, KIAA1249
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant ASAP1 protein (amino acids 912-1115) was used as the immunogen for this antibody.

### Description

ASAP (Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1) or Development and differentiation-enhancing factor 1 or DDEF1 is an ADP-ribosylation factor (ARF) GTPase-activating protein with two known isoforms: ASAP1a and ASAP1b (125 and 126 kDa, respectively). ASAP contains a pleckstrin homology (PH) domain, a zinc finger motif, 3 ankyrin repeats, a proline-rich region containing several SH3 ligand motifs, and an SH3 domain. GTPase-activating property of ASAP1 is induced by phosphatidylinositol 4,5-bisphosphate (PIP2) of the PH domain. ASAP1 plays an important role in cytoskeleton remodeling and regulation of membrane trafficking. ASAP1 acts as a proto-oncogene in breast cancer and other malignant tumors. ASAP is highly expressed in brain tissue.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml

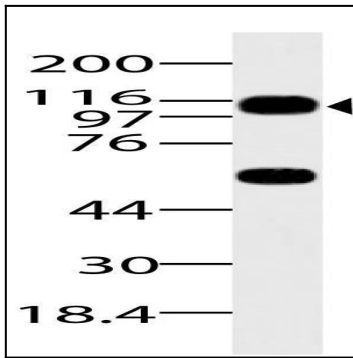


Fig-1: Western blot analysis of ASAP1. Anti-ASAP1 antibody (11-8069) was used at 4  $\mu\text{g/ml}$  on Pancrease lysate.