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## 11-8068: Polyclonal Antibody to ASAP2

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: ASAP2
Gene ID: 8853
Uniprot ID: O43150
Format: Purified

**Alternative Name :** ASAP2,DDEF2,KIAA0400

**Isotype:** Rabbit IgG

Immunogen Information: A partial length recombinant ASAP2 protein (amino acids 500-760) was used as the

immunogen for this antibody.

## **Description**

ASAP2 (Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2) or Development and differentiation-enhancing factor 2 (DDEF2) or Paxillin-associated protein with ARF GAP activity 3 (PAG3) is a multidomain protein containing two ANK repeats, one Arf-GAP domain, one PH domain and one SH3 domain. ASAP2 has two isoforms: PAPalpha and PAPbeta (111 and 106 kDa respectively) and both the isoforms are generally located in Golgi plasma membrane, where it colocalizes with protein tyrosine kinase 2-beta (PYK2). ASAP2 regulates ARF-mediated vesicle budding when vesicular transport. ASAP2 has high level of expression in brain, kidney, and heart.

## **Product Info**

**Amount :**  $25 \mu g / 100 \mu g$ 

**Purification:** Protein A Chromatography

**Content:** 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.

**Storage condition :** 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

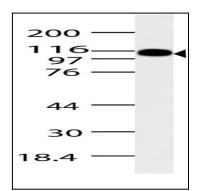


Fig-1: Western blot analysis of ASAP2. Anti-ASAP2 antibody (11-8068) was used at 4  $\mu$ g/ml on Pancrease lysate.