

# **Product datasheet for TA361268**

### **OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# **ASIP Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the middle region of human ASIP

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 14 kDa

**Gene Name:** agouti signaling protein

Database Link: NP 001663.2

Entrez Gene 434 Human

P42127



**Background:** In mice, the agouti gene encodes a paracrine signaling molecule that causes hair follicle

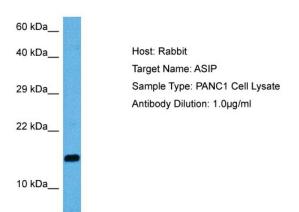
melanocytes to synthesize pheomelanin, a yellow pigment, instead of the black or brown pigment, eumelanin. Pleiotropic effects of constitutive expression of the mouse gene include adult-onset obesity, increased tumor susceptibility, and premature infertility. This gene is highly similar to the mouse gene and encodes a secreted protein that may (1) affect the quality of hair pigmentation, (2) act as a pharmacological antagonist of alpha-melanocyte-stimulating hormone, (3) play a role in neuroendocrine aspects of melanocortin action, and

(4) have a functional role in regulating lipid metabolism in adipocytes.

Synonyms: AGSW; AGTI; AGTIL; ASP; MGC126092; MGC126093; SHEP9

Protein Families: Secreted Protein
Protein Pathways: Melanogenesis

# **Product images:**



Host: Rabbit Target Name: ASIP

Sample Tissue: Human PANC1 Whole Cell lysates

Antibody Dilution: 1ug/ml