

ASIP Rabbit pAb

Catalog No.: A13280

Basic Information

Observed MW

Calculated MW

15kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

434

Swiss Prot

P42127

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 23-132 of human ASIP (NP_001663.2).

Synonyms

ASP; AGSW; AGTI; AGTIL; SHEP9; ASIP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

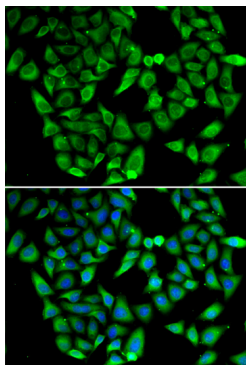
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of HeLa cells using ASIP Rabbit pAb (A13280). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.