

A13280

Leader in Biomolecular Solutions for Life Science



## ASIP Rabbit pAb

Catalog No.: A13280

### Basic Information

#### Observed MW

**Calculated MW**  
15kDa

**Category**  
Polyclonal Antibody

**Applications**  
IF/ICC,ELISA

**Cross-Reactivity**  
Human

### 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	Swiss Prot
434	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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

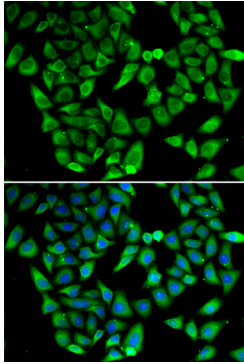
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Immunofluorescence analysis of HeLa cells using ASIP antibody (A13280). Blue: DAPI for nuclear staining.