

# ASIP Rabbit pAb

Catalog No.: A6872

## Basic Information

### Observed MW

### Calculated MW

15kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Mouse, Rat

## 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

IHC-P 1:50 - 1:100

## 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

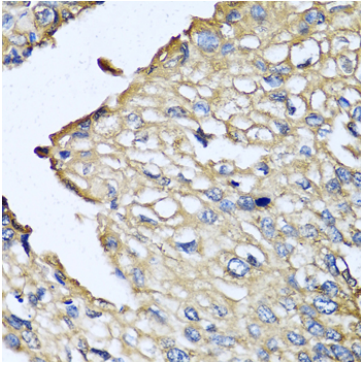
### Storage

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

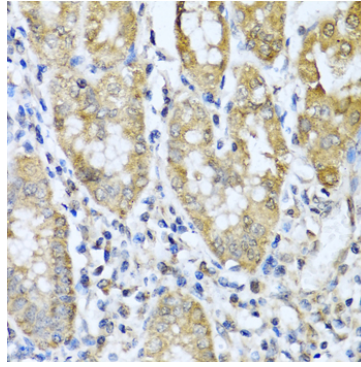
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human prostate cancer using ASIP Rabbit pAb (A6872) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using ASIP Rabbit pAb (A6872) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.