ASIP Rabbit pAb

Catalog No.: A6872

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Basic Information

Observed MW

Calculated MW
15kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, 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

WB	WB,1:6000 - 1:12000
IHC-P	1:50 - 1:100

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
434

Swiss-Prot
P42127

Immunogen
This information is considered to be commercially sensitive.

Synonyms
ASP; AGSW; AGTI; AGTIL; SHEP9; ASIP

Contact

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Product Information

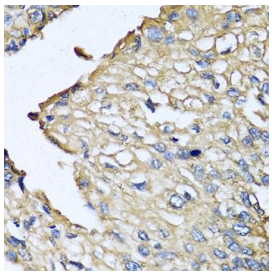
Source
Rabbit

Isotype
IgG

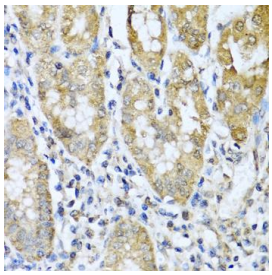
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human prostate cancer using ASIP Rabbit pAb (A6872) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using ASIP Rabbit pAb (A6872) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.