

Product datasheet for **TA361268**

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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



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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 Type: PANC1 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: ASIP
Sample Tissue: Human PANC1 Whole Cell lysates
Antibody Dilution: 1ug/ml