

Rabbit anti-Human ASIP Polyclonal Antibody | anti-ASIP antibody

ASIP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230995	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

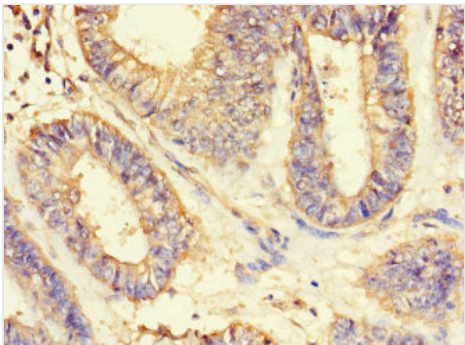
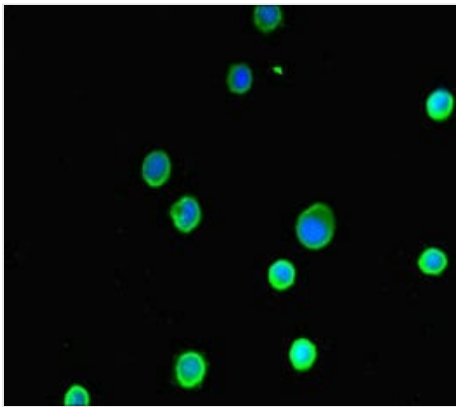
PRODUCT SYNONYMS

ASIP; Polyclonal Antibody; ASIP Antibody; Agouti-signaling proteinASP; Agouti switch protein; AGTI; AGTIL; ASP; anti-ASIP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	132
Applicable Applications for anti-ASIP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Agouti-signaling protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18626 / sc-18627
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of MCF7 cells using AAA230995 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded AAA230995 using human endometrial cancer at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ASIP antibody	Involved in the regulation of melanogenesis. The binding of ASP to MC1R precludes alpha-MSH initiated signaling and thus blocks production of cAMP, leading to a down-regulation of eumelanogenesis (brown/black pigment) and thus increasing synthesis of pheomelanin (yellow/red pigment). In higher primates, agouti may affect the quality of hair pigmentation rather than its pattern of deposition. Could well play a role in neuroendocrine aspects of melanocortin action. May have some functional role in regulating the lipid metabolism with adipocytes.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	21327680
NCBI GeneID	434
NCBI Accession #	NP_001663.2
NCBI GenBank Nucleotide #	NM_001672.2
UniProt Accession #	P42127; Q3SXL2
Molecular Weight	14,515 Da
NCBI Official Full Name	agouti-signaling protein
NCBI Official Synonym Full Names	agouti signaling protein
NCBI Official Symbol	ASIP
NCBI Official Synonym Symbols	ASP; AGSW; AGTI; AGTIL; SHEP9
NCBI Protein Information	agouti-signaling protein
UniProt Protein Name	Agouti-signaling protein
UniProt Gene Name	ASIP
UniProt Synonym Gene Names	AGTI; AGTIL; ASP; ASP
UniProt Entry Name	ASIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.