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## Datasheet for ABIN6137196 anti-ASIP antibody (AA 23-132)

### Overview

Quantity:	100 µL
Target:	ASIP
Binding Specificity:	AA 23-132
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASIP antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 23-132 of human ASIP (NP_001663.2).
Sequence:	HLPPEEKLRD DRSLRSNSSV NLLDVPSVSI VALNKKSKQI GRKAAEKKRS SKKEASMKKV VRPRTPLSAP CVATRNSCKP PAPACCDPCA SCQCRFFRSA CSCRVLSLNC
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	ASIP
Alternative Name:	ASIP ( <a href="#">ASIP Products</a> )
Background:	<p>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.</p> <p>ASIP,AGSW,AGTI,AGTIL,ASP,SHEP9,Signal Transduction,Cell Biology &amp; Developmental Biology,Growth factor,Endocrine &amp; Metabolism,Insulin Receptor Signaling Pathway,Neuroscience,ASIP</p>
Molecular Weight:	14 kDa
Gene ID:	434
UniProt:	<a href="#">P42127</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	IHC,1:50 - 1:100,IF,1:50 - 1:100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.