



# Anti-AP1S1 monoclonal antibody (DCABH-10537)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is part of the clathrin coat assembly complex which links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. This protein, as well as beta-prime-adaptin, gamma-adaptin, and the medium (mu) chain AP47, form the AP-1 assembly protein complex located at the Golgi vesicle.
<b>Immunogen</b>	A synthetic peptide of human AP1S1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AP1S1 adaptor-related protein complex 1, sigma 1 subunit [ Homo sapiens ]</a>
<b>Official Symbol</b>	AP1S1

<b>Synonyms</b>	AP1S1; adaptor-related protein complex 1, sigma 1 subunit; CLAPS1; AP-1 complex subunit sigma-1A; AP 1 complex subunit sigma 1A; AP19; clathrin assembly protein complex 1 sigma 1A small chain; clathrin coat assembly protein AP19; clathrin associated/assembly/adaptor protein; small 1 (19kD); golgi adaptor HA1/AP1 adaptin sigma 1A subunit; HA1 19 kDa subunit; SIGMA1A; sigma1A subunit of AP 1 clathrin adaptor complex; sigma1A adaptin; WUGSC:H_DJ0747G18.2; sigma1A-adaptin; sigma-adaptin 1A; sigma 1a subunit of AP-1 clathrin; adaptor protein complex AP-1 sigma-1A subunit; golgi adaptor HA1/AP1 adaptin sigma-1A subunit; sigma1A subunit of AP-1 clathrin adaptor complex; adapter-related protein complex 1 sigma-1A subunit; clathrin assembly protein complex 1 sigma-1A small chain; clathrin-associated/assembly/adaptor protein, small 1 (19kD); FLJ92436;
<b>Entrez Gene ID</b>	<a href="#">1174</a>
<b>Protein Refseq</b>	<a href="#">NP_001274</a>
<b>UniProt ID</b>	<a href="#">A0A024QYT6</a>
<b>Chromosome Location</b>	7
<b>Pathway</b>	Clathrin derived vesicle budding, organism-specific biosystem; Disease, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; HIV Infection, organism-specific biosystem; Host Interactions of HIV factors, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
<b>Function</b>	protein transporter activity;