

# Ap1s1 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15326

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P61967</a>
<b>Other Accession</b>	<a href="#">NM_007457</a> , <a href="#">NP_031483</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Goat, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	18733

## Additional Information

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<b>Gene ID</b>	11769
<b>Alias Symbol</b>	AP19
<b>Other Names</b>	AP-1 complex subunit sigma-1A, Adaptor protein complex AP-1 subunit sigma-1A, Adaptor-related protein complex 1 subunit sigma-1A, Clathrin assembly protein complex 1 sigma-1A small chain, Clathrin coat assembly protein AP19, Golgi adaptor HA1/AP1 adaptin sigma-1A subunit, HA1 19 kDa subunit, Sigma 1a subunit of AP-1 clathrin, Sigma-adaptin 1A, Sigma1A-adaptin, Ap1s1, Ap19
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Ap1s1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Ap1s1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Ap1s1
<b>Synonyms</b>	Ap19
<b>Function</b>	Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to

membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.

### Cellular Location

Golgi apparatus. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, clathrin- coated pit. Note=Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex

### Tissue Location

Detected in brain and embryonic stem cells.

## References

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Kirchhausen T.,et al.J. Biol. Chem. 266:11153-11157(1991).

Carninci P.,et al.Science 309:1559-1563(2005).

Munton R.P.,et al.Mol. Cell. Proteomics 6:283-293(2007).

## Images

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Host: Rabbit

Target Name: Ap1s1

Sample Tissue: Mouse Heart lysates

Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.