

Anti-Alpha2-adaptin/AP2A2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

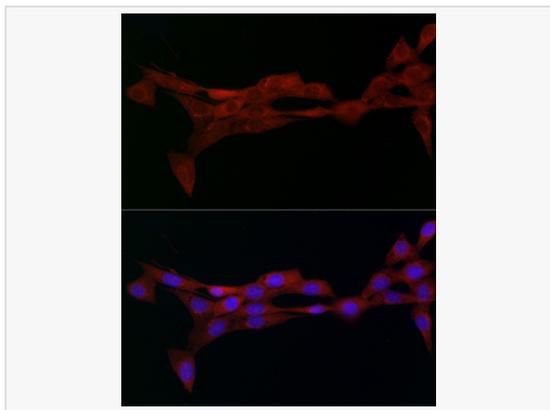
Catalog # P105974

Product Information

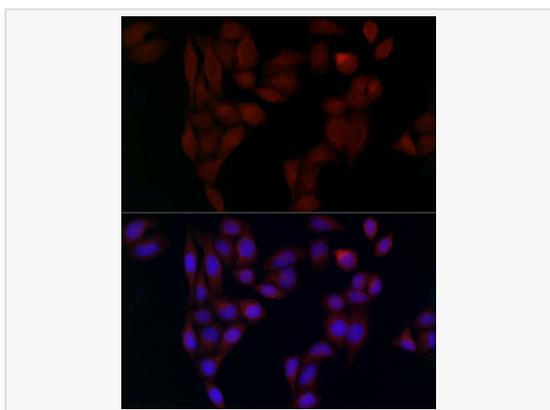
Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 590-939 of human Alpha2-adaptin/AP2A2 (NP_036437.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Alpha2-adaptin/AP2A2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

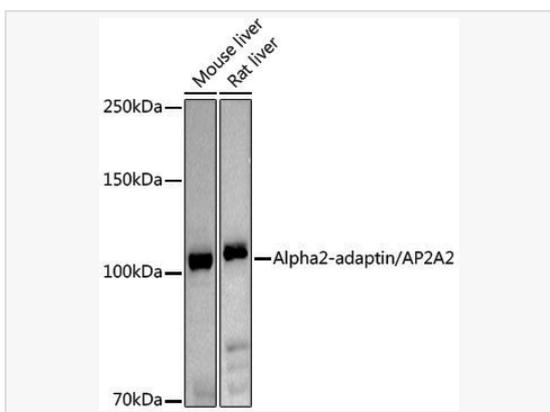
Synonyms	HIP9; HYPJ; ADTAB; HIP-9; CLAPA2; Alpha2-adaptin; AP2A2.
Calculated MW	Calculated MW: 104 kDa; Observed MW: 104 kDa
Uniprot ID	O94973
Gene ID	161
Background	The protein encoded by this gene is a subunit of the AP-2 adaptor protein complex, which is involved in linking lipid and protein membrane components with the clathrin lattice. This interaction supports the formation of clathrin-coated vesicles, and the encoded subunit aids in the process by binding polyphosphoinositide-containing lipids in the cell membrane.



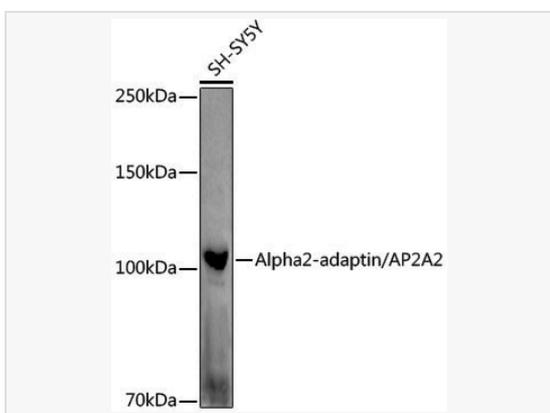
Immunofluorescence analysis of NIH/3T3 cells using Alpha2-adaptin/AP2A2 Rabbit pAb (P105974) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using Alpha2-adaptin/AP2A2 Rabbit pAb (P105974) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Alpha2-adaptin/AP2A2 Rabbit pAb (P105974) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit (SQ201).
 Exposure time: 30s.



Western blot analysis of lysates from SH-SY5Y cells, using Alpha2-adaptin/AP2A2 Rabbit pAb (P105974) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit (SQ201).
 Exposure time: 90s.