

Polyclonal Antibody to WASH complex subunit 7 - Purified

Alternate names:	WASH complex subunit 7
Catalog No.:	AP56118PU-N
Quantity:	0.1 mg
Concentration:	lot-specific
Background:	WASH complex subunit 7 (SWIP) is a component of the WASH complex belonging to the WASH S7 family. The WASH complex is localized at early endosomal subdomains involved in the activation and recruitment the ARP 2/3 complex in order to stimulate actin polymerization and tubulin interaction. Through its interaction with FAM21, WASH plays a regulatory role in the retromer-mediated trafficking of vesicles. It is also involved in the tubule fission, components required in endosomal sorting processes as transport intermediates.
Uniprot ID:	Q2M389
NCBI:	NP_056090.1
GeneID:	23325
Host:	Rabbit
Immunogen:	GST-tagged recombinant protein corresponding to human WASH complex subunit 7.
Format:	State: Liquid purified Ig fraction Purification: Protein G Chromatography Buffer System: 0.1 M Tris-Glycine (pH 7.4), 150 mM NaCl with 0.05% sodium azide.
Applications:	Immunoprecipitation/Western Blot Analysis: 5 µg/mL of this antibody detected WASH complex subunit 7 in 10 µg of HeLa immunoprecipitation with rabbit IgG and Anti-WASH complex subunit 7. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Demonstrated to react with human.
Storage:	Store undiluted at 2-8°C. Shelf life: one year from despatch.

Pictures:

Immunoprecipitation/Western Blotting Analysis:
Representative lot data.
HeLa immunoprecipitation with rabbit normal IgG (lane 1) and AP56118PU-N Anti-WASH complex subunit 7 (lane 2) was probed with Anti-WASH complex subunit 7 (SWIP) (5 µg/mL).
Proteins were visualized using a Donkey Anti-Rabbit IgG secondary antibody conjugated to HRP and chemiluminescence detection system.
Arrow indicates WASH complex subunit 7 (~135 kDa). IgG heavy chain may be observed at approximately 50 kDa.

