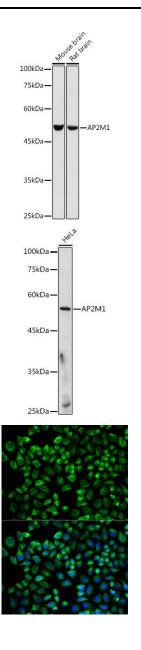
AP2M1 Rabbit Polyclonal Antibody

CAB13962



Product Information	Protein Background
Size:	This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2),
20uL, 50uL, 100uL, 200uL	which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping
Observed MW:	occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein.
50KDa	Three transcript variants encoding different isoforms have been found for this gene.
Calculated MW:	Immunogen information
49kDa	Gene ID:
Applications:	1173
WB IF	Uniprot
Reactivity:	Q96CW1
Human, Mouse, Rat	Synonyms: AP2M1; AP50; CLAPM1; mu2
Antibody Information	
Recommended dilutions: WB 1:500 - 1:2000 IF 1:50 - 1:100	Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 134-433 of human AP2M1 (NP_001020376.1).
Source: Rabbit	
	Storage:
	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
lsotype: lgG	sodium azide, 50% glycerol, pH7.3.

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using AP2M1 antibody (CAB13962) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.

Western blot analysis of extracts of HeLa cells, using AP2M1 antibody (CAB13962) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.

Immunofluorescence analysis of HeLa cells using AP2M1 antibody (CAB13962). Blue: DAPI for nuclear staining.