

PPCEL Rabbit mAb
Catalog # AP76665**Specification**

PPCEL Rabbit mAb - Product Information

Application	WB, IHC, IP
Primary Accession	Q4J6C6
Reactivity	Human, Mouse, Rat, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	83927

PPCEL Rabbit mAb - Additional Information**Gene ID** 9581**Other Names**
PREPL**Dilution**
WB~~1/500-1/1000
IHC~~1/50-1/100
IP~~1/20**Format**
Liquid**PPCEL Rabbit mAb - Protein Information****Name** PREPL**Synonyms** KIAA0436**Function**

Serine peptidase whose precise substrate specificity remains unclear (PubMed:16143824, PubMed:16385448, PubMed:28726805). Does not cleave peptides after a arginine or lysine residue (PubMed:16143824). Regulates trans-Golgi network morphology and sorting by regulating the membrane binding of the AP-1 complex (PubMed:23321636). May play a role in the regulation of synaptic vesicle exocytosis (PubMed:24610330).

Cellular Location

Cytoplasm, cytosol. Golgi apparatus, trans-Golgi network {ECO:0000250|UniProtKB:Q8C167}.
Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q8C167}. Golgi apparatus

{ECO:0000250|UniProtKB:Q8C167}. Nucleus Note=Co-localizes with AP-1 in the trans-Golgi network (By similarity) Co-localizes with MAP2 and ACTB on the cytoskeleton (By similarity) Co-localizes with STX6 and GOSR2 at the Golgi apparatus (By similarity).
{ECO:0000250|UniProtKB:Q8C167}

Tissue Location

Expressed in pyramidal neurons of the temporal cortex and neocortex (at protein level) (PubMed:23485813). Widely expressed (PubMed:15913950, PubMed:16385448). Expressed at higher level in brain, skeletal muscle, heart and kidney (PubMed:15913950, PubMed:16385448). Expressed at the endplates in the neuromuscular junction (PubMed:24610330).

PPCEL Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPCEL Rabbit mAb - Images



