

PLAP Antibody
Rabbit mAb
Catalog # AP92526**Specification****PLAP Antibody - Product Information**

Application	WB, IHC, ICC, IP
Primary Accession	O9Y263
Clonality	Monoclonal
Other Names	
Glycerophosphatase; PLA2P; Plaa; PLAP;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	87157 Da

PLAP Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PLAP
Description	Involved in the maintenance of ubiquitin levels.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

PLAP Antibody - Protein Information**Name** PLAA**Synonyms** PLAP**Function**

Plays a role in protein ubiquitination, sorting and degradation through its association with VCP (PubMed:27753622). Involved in ubiquitin-mediated membrane proteins trafficking to late endosomes in an ESCRT-dependent manner, and hence plays a role in synaptic vesicle recycling (By similarity). May play a role in macroautophagy, regulating for instance the clearance of damaged lysosomes (PubMed:27753622). Plays a role in cerebellar Purkinje cell development (By similarity). Positively regulates cytosolic and calcium-independent phospholipase A2 activities in a tumor necrosis factor alpha (TNF-alpha)- or lipopolysaccharide (LPS)-dependent manner, and hence prostaglandin E2 biosynthesis

(PubMed:18291623,
PubMed:28007986).

Cellular Location

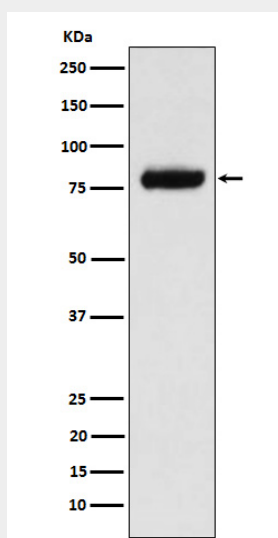
Nucleus. Cytoplasm. Synapse {ECO:0000250|UniProtKB:P27612}. Note=Recruited to damaged lysosomes decorated with K48-linked ubiquitin chains

PLAP Antibody - 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](#)

PLAP Antibody - Images



Western blot analysis of PLAP expression in MCF7 cell lysate.