

**Anti-PLAP Rabbit Monoclonal Antibody**  
**Catalog # ABO15943****Specification**

---

**Anti-PLAP Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC, IF, ICC, IP   |
| Primary Accession | <a href="#">Q9Y263</a> |
| Host              | Rabbit                 |
| Isotype           | IgG                    |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-PLAP Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.

**Anti-PLAP Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 9373

**Other Names**

Phospholipase A-2-activating protein, PLA2P, PLAP, PLAA, PLAP

**Calculated MW**

75 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human PLAP

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-PLAP Rabbit Monoclonal Antibody - Protein Information**

**Name** PLAA

## Synonyms PLAP

### Function

Plays a role in protein ubiquitination, sorting and degradation through its association with VCP (PubMed:<a href="http://www.uniprot.org/citations/27753622" target="\_blank">27753622</a>). 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:<a href="http://www.uniprot.org/citations/27753622" target="\_blank">27753622</a>). 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:<a href="http://www.uniprot.org/citations/18291623" target="\_blank">18291623</a>, PubMed:<a href="http://www.uniprot.org/citations/28007986" target="\_blank">28007986</a>).

### Cellular Location

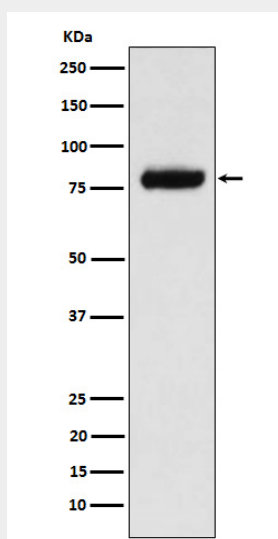
Nucleus. Cytoplasm. Synapse {ECO:0000250|UniProtKB:P27612}. Note=Recruited to damaged lysosomes decorated with K48-linked ubiquitin chains

## Anti-PLAP Rabbit Monoclonal 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](#)

## Anti-PLAP Rabbit Monoclonal Antibody - Images



Western blot analysis of PLAP expression in MCF7 cell lysate.