

Phospholipase A2 Activator Protein Rabbit mAb

Catalog No: #52504

Package Size: #52504-1 50ul #52504-2 100ul

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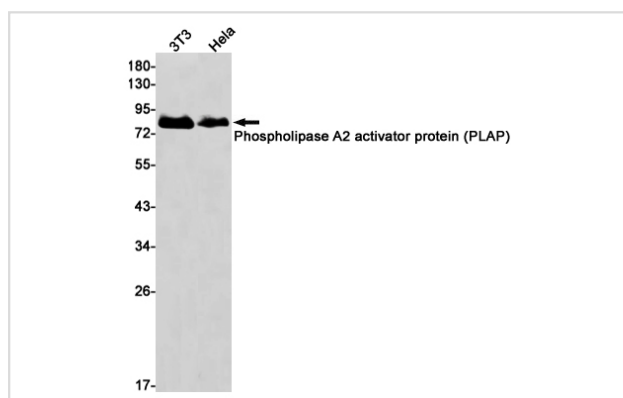
Description

Product Name	Phospholipase A2 Activator Protein Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S06-1D7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Anti-Phospholipase A2 activator protein (PLAP)
Conjugates	Unconjugated
Modification	Unmodification
Other Names	DOA1; PLAP; PLA2P; NDMSBA
Accession No.	Swiss-Prot:Q9Y263GeneID:9373
Calculated MW	Calculated MW: 87 kDa; Observed MW: 87 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of Phospholipase A2 activator protein (PLAP) in 3T3, HeLa cell lysates using Phospholipase A2 activator protein (PLAP) Rabbit mAb(1:1000 diluted). Predicted band size: 87kDa. Observed band size: 87kDa.

Background

Swiss-Prot Acc. Q9Y263. 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 . May play a role in macroautophagy, regulating for instance the clearance of damaged lysosomes (PubMed:27753622). Plays a role in cerebellar Purkinje cell development . 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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.