

## Product datasheet for **AP55152SU-N**

### Calcium independent Phospholipase A2 (PLA2G6) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western Blot:</b> 1/500-1/2000. <b>Immunohistochemistry:</b> 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A 15 residue synthetic peptide derived from specific domain of Human Phospholipase A2 type
Specificity:	Reacts with Human PLA2-II protein from epidermis.
Formulation:	0.1M Tris, 0.1M Glycine, 2% Sucrose State: Serum State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Store lyophilized antibody at -20°C Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phospholipase A2 group VI
Database Link:	<a href="#">Entrez Gene 8398 Human O60733</a>



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**Background:**

The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodelling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells. Several transcript variants encoding multiple isoforms have been described, but the full-length nature of only two of them have been determined to date.

**Synonyms:**

IPLA2, Cal-PLA2, GVI PLA2, Group VI phospholipase A2, PARK14