

PLA2G6 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 399 and 704 of Human PLA2G6
Form	Liquid
Concentration	0.74 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545421

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication

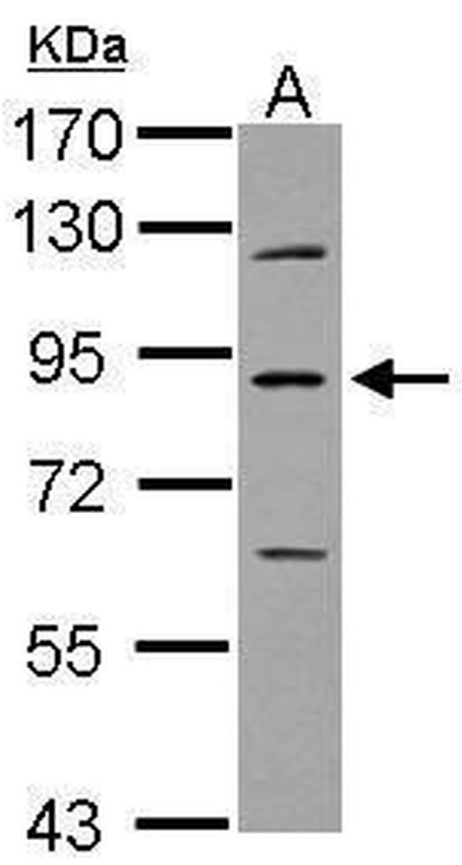
Product Specific Information

Recommended positive controls: U87-MG.

Predicted reactivity: Mouse (94%), Rat (93%), Rabbit (93%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For PLA2G6 Polyclonal Antibody



PLA2G6 Antibody (PA5-27945) in WB
Western Blot using PLA2G6 Polyclonal Antibody (Product # PA5-27945). Sample (30 µg of whole cell lysate). Lane A: U87-MG . 7.5% SDS PAGE. PLA2G6 Polyclonal Antibody (Product # PA5-27945) diluted at 1:500.

[View more figures on thermofisher.com](#)

1 Reference

Western Blot (1)

Nature chemical biology		Year 2021
Phospholipase iPLA ₂ averts ferroptosis by eliminating a redox lipid death signal.		
"PA5-27945 was used in Western Blot to show that by hydrolyzing 15-hydroperoxy-arachidonoyl-phosphatidylethanolamine (15-HpETE-PE), Ca2+-independent phospholipase A2 (iPLA2) averts ferroptosis, whereas its genetic or pharmacological inactivation sensitizes cells to ferroptosis."		
Authors: Sun WY,Tyurin VA,Mikulska-Ruminska K,Shrivastava IH,Anthonyimuthu TS,Zhai YJ,Pan MH,Gong HB,Lu DH, Sun J,Duan WJ,Korolev S,Abramov AY,Angelova PR,Miller I,Beharier O,Mao GW,Dar HH,Kapralov AA,Amoscato AA, Hastings TG,Greenamyre TJ,Chu CT,Sadovsky Y,Bahar I,Bayr H,Tyurina YY,He RR,Kagan VE		Species Human Mouse

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.