

PLA2G2D Antibody

CAB7165

Description

This PLA2G2D Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB7165

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: SPLASH, sPLA2S, PLA2IID, sPLA2-IID, PLA2G2D

Clone: -

Applications: **WB** **IHC-P** **IF/ICC** **ELISA**

Conjugation: Unconjugated

Reactivity: Human, Rat

Antibody Data

Gene ID: 26279

Uniprot: AB_2767717

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 22kDa/

Calculated MW: 17kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

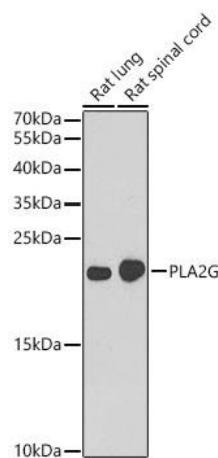
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Daudi, RPMI 8226, Rat lung, Rat spinal cord

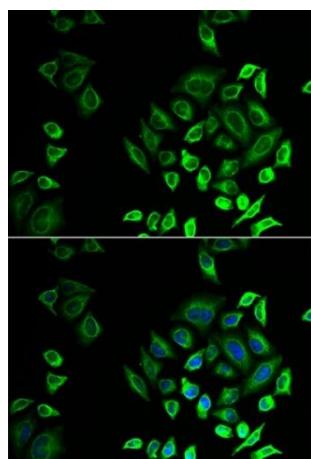
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>IF/ICC</td><td>1:10 - 1:100</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	IHC-P	1:50 - 1:200	IF/ICC	1:10 - 1:100	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
WB	1:500 - 1:2000								
IHC-P	1:50 - 1:200								
IF/ICC	1:10 - 1:100								
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.								

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using PLA2G2D Rabbit pAb (CAB7165) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using PLA2G2D Rabbit pAb (CAB7165). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.