

Anti-Phospho-PLA2G4A-Ser505 antibody (440-520) (STJ91028)

STJ91028

GENERAL INFORMATION

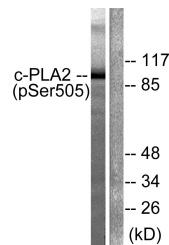
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Cytosolic Phospholipase A2-Ser505 (440-520) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

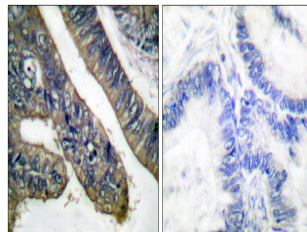
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

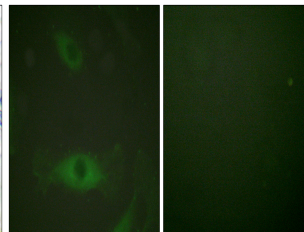
Gene ID	5321
Gene Symbol	PLA2G4A
Uniprot ID	PA24A_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human c-PLA2 around the phosphorylation site of Ser505 at amino acid range 471-520
Immunogen Region	440-520
Specificity	Phospho-PLA2G4A-Ser505 polyclonal antibody (Cytosolic Phospholipase A2) binds to endogenous Cytosolic Phospholipase A2 at the amino acid region 440-520 only when phosphorylated at Ser505.
Immunogen Sequence	



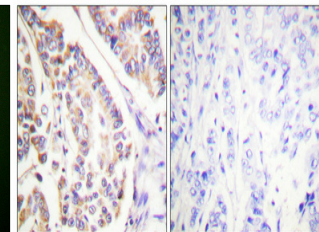
Western blot analysis of lysates from HeLa cells treated with TNF- α 20ng/ml 30', using c-PLA2 (Phospho-Ser505) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using c-PLA2 (Phospho-Ser505) Antibody. The picture on the right is blocked with the phospho peptide.



Immunofluorescence analysis of HeLa cells treated with TNF- α 20nM 15', using c-PLA2 (Phospho-Ser505) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (2°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081