

Anti-PLCG2 antibody (1-300) (STJ25024)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

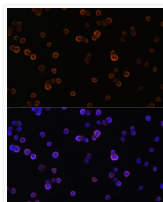
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:20-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 148kDa Observed Mw: 175kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

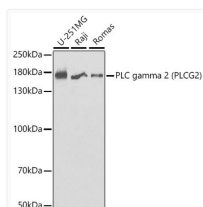
Gene ID	5336
Gene Symbol	PLCG2
UniProt ID	PLCG2_HUMAN
Immunogen Region	1-300
Immunogen Sequence	MSTTVNVDLSLAIEYKSIKR ALELGTVMTVFSFRKSTPER RTVQVIMETRVAVWSKTADK IEGFLDIMEIKIRPGKNSK DFERAKAVRQKEDCCFTILY GTQFVLSTLSLAADSKEDAV NWL SGLKILHQEAMNASTPT IESWLRKQIYSVDQTRRNS ISLRELKTLPLINFKVSSA KFLKDKFVEIGAHKDELSFE QFHLFYKKLMFEQQKSILDE FKDDSSVFILGNTDRPDAS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PLC gamma 2 (PLC gamma 2 (PLCG2)) (NP_002652.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of Raw264.7 cells using PLC gamma 2 (PLC gamma 2 (PLCG2)) antibody (STJ25024) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using PLC gamma 2 (PLC gamma 2 (PLCG2)) antibody (STJ25024) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.