

Anti-DAG1 antibody (776-895) (STJ112116)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

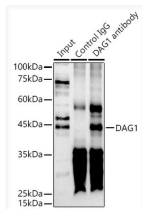
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:20-1:100 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirement
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 97kDa Observed Mw: 43kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

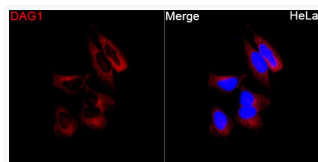
Gene ID	1605
Gene Symbol	DAG1
UniProt ID	DAG1_HUMAN
Immunogen Region	776-895
Immunogen Sequence	RKKRKGKLTLEDQATFIKKG VPIIFADELDDSKPPSSSM PLILQEEKAPLPPPEYPNQS VPETTPLNQDTMGEYTPLRD EDPNAPPYQPPPPFTAPMEG KGSRPKNMTPYRSPPPYVPP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 776-895 of human DAG1 (NP_001171108.1).

ADDITIONAL INFORMATION

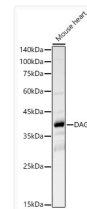
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunoprecipitation analysis of 300 Mu g extracts of HeLa cells using 3 Mu g DAG1 antibody (STJ112116). Western blot was performed from the immunoprecipitate using DAG1 antibody (STJ112116) at a dilution of 1:1000.



Immunofluorescence analysis of HeLa cells using DAG1 Rabbit polyclonal antibody (STJ112116) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from Mouse heart, using DAG1 Rabbit polyclonal antibody (STJ112116) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.