

Anti-COLGALT1 antibody (30-230) (STJ118998)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

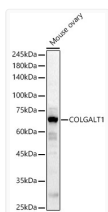
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 72kDa Observed Mw: 72kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

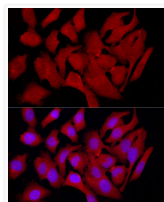
Gene ID	79709
Gene Symbol	COLGALT1
UniProt ID	GT251_HUMAN
Immunogen Region	30-230
Immunogen Sequence	APPGADAYFPEERWSPESPL QAPRVLIALLARNAHALPT TLGALERLRHPRERTALWVA TDHNDNTSTVLREWLVAVK SLYHSVEWRPAEEPRSYDDE EGPKEHWSDSRYEHVMKLRQA ALKSARDMWADYILFVDADN LILNPDTLSLLIAENKTVVA PMLDSRAAYSNFWCGMTSQG YYKRTPAYIPIRKDRRGCF A
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 30-230 of human COLGALT1 (NP_078932.2).

ADDITIONAL INFORMATION

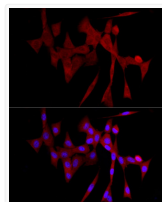
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



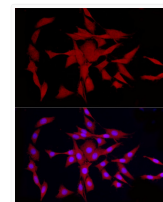
Western blot analysis of mouse ovary, using COLGALT1 antibody (STJ118998) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



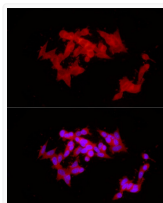
Immunofluorescence analysis of HeLa cells using COLGALT1 rabbit polyclonal antibody (STJ118998) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using COLGALT1 rabbit polyclonal antibody (STJ118998) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using COLGALT1 rabbit polyclonal antibody (STJ118998) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using COLGALT1 rabbit polyclonal antibody (STJ118998) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.