

Anti-GOLGA2 antibody (20-1002) (STJ118687)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

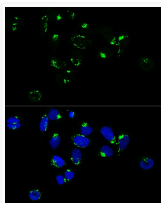
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 113kDa Observed Mw: 130kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

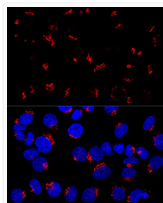
Gene ID	2801
Gene Symbol	GOLGA2
UniProt ID	GOGA2_HUMAN
Immunogen Region	20-1002
Immunogen Sequence	SKLAAAKKKLREYQQRNSPG VPTGAKKKKKIKNGSNPETT TSGGCHSPEDTPKDAAATLQ PSDDTVLPGGVPSGASLTS MAASQNHADNVNPLMDETK TFSSTESLRQLSQQLNGLVC ESATCVNGEGPASSANLKDLE ESRVQLAVALDSSVYTNKQ LNITIEKLKQQNQEITDQLE EEKKECHQKQALREQLQVH IQTIGILVSEKAEALQTALAH TQHAARQKEGESEDLASRL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human GM130 (NP_004477.3).

ADDITIONAL INFORMATION

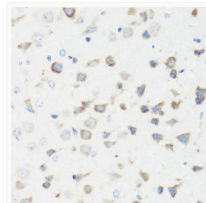
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



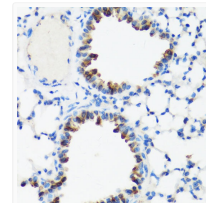
Confocal immunofluorescence analysis of U-2 OS cells using GM130 Rabbit polyclonal antibody (STJ118687) at dilution of 1:200. Blue: DAPI for nuclear staining.



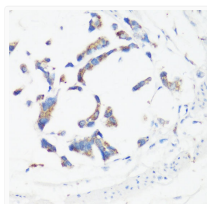
Confocal immunofluorescence analysis of HeLa cells using GM130 Rabbit polyclonal antibody (STJ118687) at dilution of 1:200. Blue: DAPI for nuclear staining.



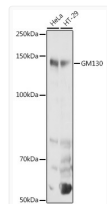
Immunohistochemistry analysis of GM130 in paraffin-embedded mouse brain using GM130 Rabbit polyclonal antibody (STJ118687) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of GM130 in paraffin-embedded mouse lung using GM130 Rabbit polyclonal antibody (STJ118687) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of GM130 in paraffin-embedded human gastric cancer using GM130 Rabbit polyclonal antibody (STJ118687) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using GM130 Rabbit polyclonal antibody (STJ118687) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.