

Anti-TGOLN2 antibody (323-423) (STJ119119)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

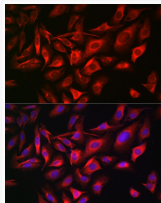
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 46kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

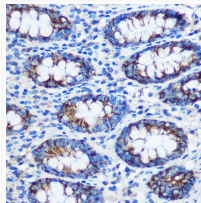
Gene ID	10618
Gene Symbol	TGOLN2
UniProt ID	TGON2_HUMAN
Immunogen Region	323-423
Immunogen Sequence	PKEAEDDDTGPEEGSPPKEE KEKMSGASSENREGTLSDS TGSEKDDLYPNGSGNGSAES SHFFAYLVTAAILVAVLYIA HHNKRKIIAFVLEGKRSKVT R
Specificity	A synthetic peptide corresponding to a sequence within amino acids 323-423 of human TGN46/TGN46/TGOLN2 (NP_006455.2).

ADDITIONAL INFORMATION

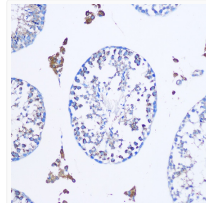
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



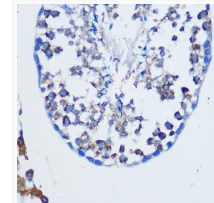
Immunofluorescence analysis of U-2 OS cells using TGN46/TGN46/TGOLN2 Rabbit polyclonal antibody (STJ119119) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



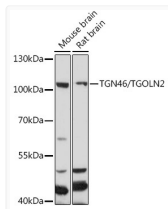
Immunohistochemistry analysis of Human colon using TGN46/TGN46/TGOLN2 Rabbit polyclonal antibody (STJ119119) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Mouse testis using TGN46/TGN46/TGOLN2 Rabbit polyclonal antibody (STJ119119) at dilution of 1:100 (20x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Mouse testis using TGN46/TGN46/TGOLN2 Rabbit polyclonal antibody (STJ119119) at dilution of 1:100 (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 TGN46/TGOLN2 Rabbit polyclonal antibody (STJ119119) 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. Detection: ECL Basic Kit. Exposure time: 1 min.