

Anti-TRPC5 antibody (800-900) (STJ112129)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

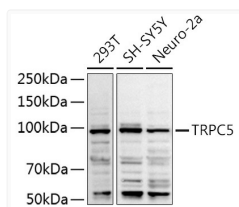
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 111kDa Observed Mw: 90kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

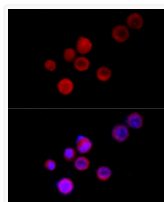
Gene ID	7224
Gene Symbol	TRPC5
UniProt ID	TRPC5_HUMAN
Immunogen Region	800-900
Immunogen Sequence	NLGCKKKKTCHGPPLIRTMPR SSGAQGKSKAESSSKRSFMG PSLKKLGLLFSKFNGHMSEP SSEPMYITSDGIVQQHCMWQ DIRYSQMEKGKAEACSQSEI N
Specificity	A synthetic peptide corresponding to a sequence within amino acids 800-900 of human TRPC5 (NP_036603.1).

ADDITIONAL INFORMATION

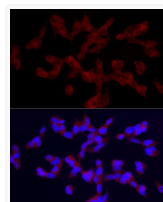
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using TRPC5 antibody (STJ112129) 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of Neuro-2a cells using TRPC5 rabbit polyclonal antibody (STJ112129) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using TRPC5 rabbit polyclonal antibody (STJ112129) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.