

Anti-GNRH1 antibody (24-92) (STJ27592)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

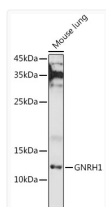
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 10kDa Observed Mw: 12kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

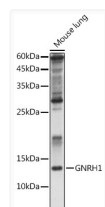
Gene ID	2796
Gene Symbol	GNRH1
UniProt ID	GON1_HUMAN
Immunogen Region	24-92
Immunogen Sequence	QHWSYGLRPGGKRDAENLID SFQEIVKEVGQLAETQRFEC TTHQPRSPRLDLKGALESLLI EEETGQKKI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 24-92 of human GNRH1 (NP_001076580.1).

ADDITIONAL INFORMATION

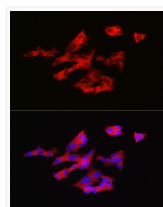
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



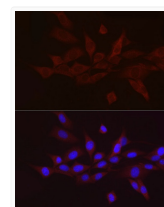
Western blot analysis of extracts of mouse lung, using GNRH1 antibody (STJ27592) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of Rat kidney, using GNRH1 antibody (STJ27592) 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 Enhanced Kit. Exposure time: 60s.



Immunofluorescence analysis of SH-SY5Y cells using GNRH1 rabbit polyclonal antibody (STJ27592) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using GNRH1 rabbit polyclonal antibody (STJ27592) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.