

Anti-HYAL1 antibody (136-435) (STJ11105720)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

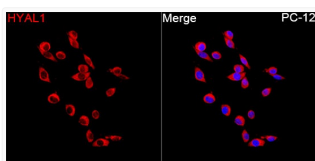
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 48kDa Observed Mw: 48kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

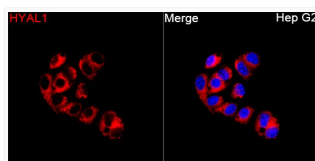
Gene ID	3373
Gene Symbol	HYAL1
UniProt ID	HYAL1_HUMAN
Immunogen Region	136-435
Immunogen Sequence	RWAFNWDTKDIYRQSRALV QAQHPDWPAPQVEAVAQDQF QGAARAWMAGTLQLGRALRP RGLWGFYGFPCDYNDFLSP NYTGQCPSGIRAQNDQLGWL WGQSRALYPSIYMPAVLEGT GKSQMYVQHRVAEAFRVAVA AGDPNLPVLPYVQIFYDTTN HFLPLDEHSLGESAAQGA AGVVLVWSWENTRTKESCQA IKEYMDTTLGPFILNVTSGA LLCSQALCSGHGRCVVRTS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 136-435 of human HYAL1 (NP_149349.2).

ADDITIONAL INFORMATION

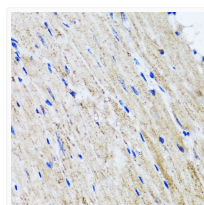
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



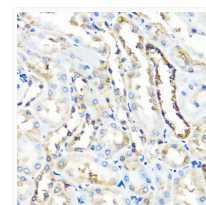
Immunofluorescence analysis of PC-12 cells using HYAL1 Rabbit polyclonal antibody (STJ11105720) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



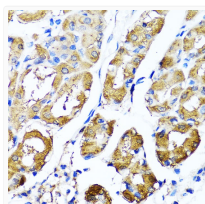
Immunofluorescence analysis of Hep G2 cells using HYAL1 Rabbit polyclonal antibody (STJ11105720) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



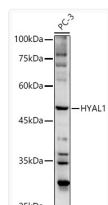
Immunohistochemistry analysis of HYAL1 in paraffin-embedded mouse heart using HYAL1 Rabbit polyclonal antibody (STJ11105720) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HYAL1 in paraffin-embedded rat kidney using HYAL1 Rabbit polyclonal antibody (STJ11105720) 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 HYAL1 in paraffin-embedded human stomach using HYAL1 Rabbit polyclonal antibody (STJ11105720) 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 lysates from PC-3 cells, using HYAL1 Rabbit polyclonal antibody (STJ11105720) at 1:500 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: 180s.