

Anti-CHRNA7 antibody (23-230) (STJ111098)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

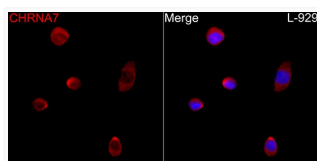
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw:
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

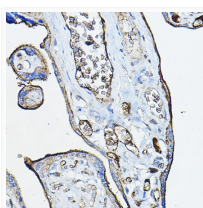
Gene ID	1139/89832
Gene Symbol	CHRNA7
UniProt ID	ACHA7_HUMAN
Immunogen Region	23-230
Immunogen Sequence	ASPPSTPPWDPGHIPGASVR PAPGPVSLQGEFQRKLYKEL VKNYNPLERPVANDSQPLTV YFSLSLQLIMDVDEKNQVLT TNIWLQMSWTDHYLQWNVSE YPGVKTVRFPDGGQIWKPDIL LYNSADERFDATFHTNVLVN SSGHCQYLPPGIFKSSCYID VRWFPPFDVQHKCLKFGSWSY GGWSLDLQMQEADISGYIPN GEWDLVGI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 23-230 of human CHRNA7 (NP_001177384.1).

ADDITIONAL INFORMATION

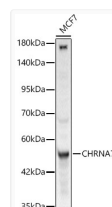
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of L-929 cells using CHRNA7 Rabbit polyclonal antibody (STJ111098) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of CHRNA7 in paraffin-embedded human placenta using CHRNA7 Rabbit polyclonal antibody (STJ111098) 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 MCF7 cells using CHRNA7 Rabbit polyclonal antibody (STJ111098) at 1:2000 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: 120s.