

Anti-PAX3 antibody (1-479) (STJ24909)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

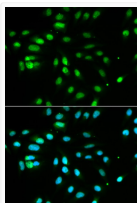
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 53kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

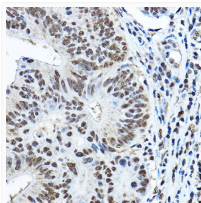
Gene ID	5077
Gene Symbol	PAX3
UniProt ID	PAX3_HUMAN
Immunogen Region	1-479
Immunogen Sequence	MTTLGAVPRMMRPGPGQNY PRSGFPLEVSTPLGQGRVNO LGGVFINGRPLPNHIRHKIV EMAHHGIRPCVISRQLRVSH GCVSKILCRYQETGSIRPGA IGGSKPKQVTTDPVEKKIEE YKRENPGMFSWEIRDKLLKD AVCDRNTVPSVSSISIRLS KFGKGEEEEEADLERKEAEEES EKKAKHSIDGILSERASAPQ SDEGSDIDSEPDLPKPKQR RSRTTFTAEQLEELER
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-236 of human PAX3 (NP_852122.1).

ADDITIONAL INFORMATION

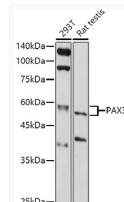
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of MCF-7 cells using PAX3 Rabbit polyclonal antibody (STJ24909). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of PAX3 in paraffin-embedded human colon carcinoma using PAX3 Rabbit polyclonal antibody (STJ24909) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using PAX3 Rabbit polyclonal antibody (STJ24909) 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: 180s.