Anti-CTNNA1 antibody (637-906) (STJ27602)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

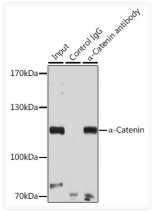
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize 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: 100kDa Observed Mw: 115kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

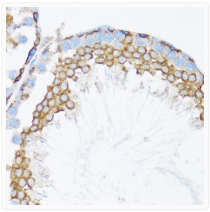
Gene ID	1495
Gene Symbol	CTNNA1
UniProt ID	CTNA1_HUMAN
Immunogen Region	637-906
Immunogen Sequence	ELDDSDFETEDFDVRSRTSV QTEDDQLIAGQSARAIMAQL PQEQKAKIAEQVASFQEEKS KLDAEVSKWDDSGNDIIVLA KQMCMIMMEMTDFTRGKGPL KNTSDVISAAKKIAEAGSRM DKLGRTIADHCPDSACKQDL LAYLQRIALYCHQLNICSKV KAEVQNLGGELVVSGVDSAM SLIQAAKNLMNAVVQTVKAS YVASTKYQKSQGMASLNLPA VSWKMKAPEKKPLVKREKQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 637-906 of human Alpha-Catenin (NP_001894.2).

ADDITIONAL INFORMATION

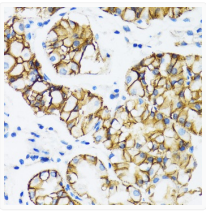
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



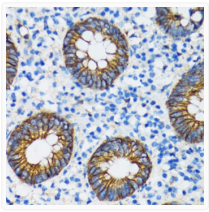
Immunoprecipitation analysis of 200 Mu g extracts of 293T cells using 3 Mu g Alpha-Catenin antibody (STJ27602). Western blot was performed from the immunoprecipitate using Alpha-Catenin antibody (STJ27602) at a dilution of 1:500.



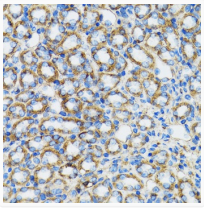
Immunohistochemistry analysis of Alpha-Catenin in paraffin-embedded mouse testis using [KO Validated] Alpha-Catenin Rabbit polyclonal antibody (STJ27602) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



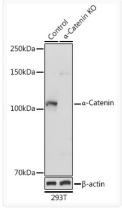
Immunohistochemistry analysis of Alpha-Catenin in paraffin-embedded human stomach using [KO Validated] Alpha-Catenin Rabbit polyclonal antibody (STJ27602) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



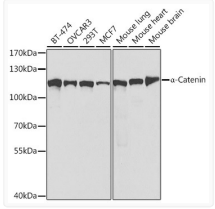
Immunohistochemistry analysis of Alpha-Catenin in paraffin-embedded human vermiform appendix using [KO Validated] Alpha-Catenin Rabbit polyclonal antibody (STJ27602) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Alpha-Catenin in paraffin-embedded rat kidney using [KO Validated] Alpha-Catenin Rabbit polyclonal antibody (STJ27602) 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 wild type (WT) and Alpha-Catenin knockout (KO) 293T cells, using [KO Validated] Alpha-Catenin Rabbit polyclonal antibody (STJ27602) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of various lysates using [KO Validated] Alpha-Catenin Rabbit polyclonal antibody (STJ27602) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.