

Anti-CTTN antibody (1-100) [S9MR] (STJ11102479)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

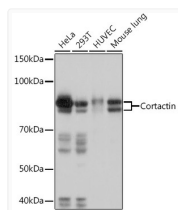
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:800 IF/ICC:1:200-1:800 IP:0.5 Mu g-4 Mu g antibody for 400 Mu g-600 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your spe
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 62kDa Observed Mw: 80-85kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

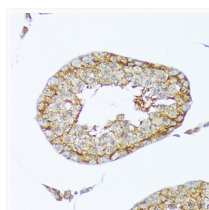
Gene ID	2017
Gene Symbol	CTTN
UniProt ID	SRC8_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MWKASAGHAVSIAQDDAGAD DWETDPDFVNDVSEKEQRWG AKTVQGSGHQEHINIHKLRE NVFQEHQTLKEKELETGPKA SHGYGGKFGVEQDRMDKSAV
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Cortactin (Q14247).

ADDITIONAL INFORMATION

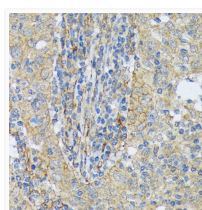
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



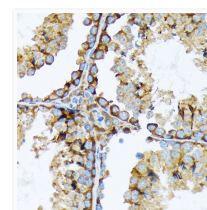
Western blot analysis of various lysates using Cortactin Rabbit mAb (STJ11102479) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 3s.



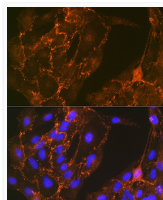
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Cortactin Rabbit mAb (STJ11102479) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Confocal imaging of paraffin-embedded Mouse colon tissue using Cortactin Rabbit mAb (STJ11102479, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Human stomach tissue using Cortactin Rabbit mAb (STJ11102479, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunoprecipitation analysis of 600 Mu g extracts of Mouse lung cells using 3 Mu g Cortactin antibody (STJ11102479). Western blot was performed from the immunoprecipitate using Cortactin antibody (STJ11102479) at a dilution of 1:1000.