

Anti-CDH16 antibody (19-230) (STJ110192)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

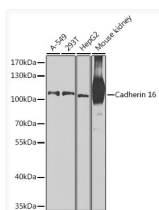
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 90kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

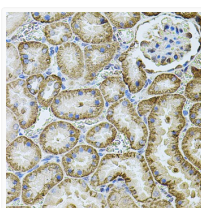
Gene ID	1014
Gene Symbol	CDH16
UniProt ID	CAD16_HUMAN
Immunogen Region	19-230
Immunogen Sequence	KAQPAELSVVEVPENYGGNFP LYLTKLPLPREGAEGQIVLS GDGSKATEGPFAMDPDSGFL LVTRALDREEQAEYQLQVTL EMQDGHVLWGPQPLVHVVD ENDQVPHFSQAIYRRLSRG TRPGIPFLFLEASDRDEPGT ANSLRFRHILSQAPAQSPD MFQLEPRLGALALSPKGSTS LDHALERTYQLLVQVKDMGD QASGHQATATVE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 19-230 of human Cadherin 16 (NP_004053.1).

ADDITIONAL INFORMATION

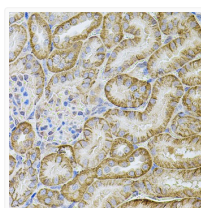
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



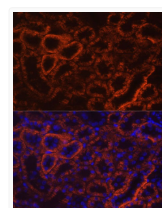
Western blot analysis of various lysates using Cadherin 16 Rabbit pAb (STJ110192) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using Cadherin 16 Rabbit pAb (STJ110192) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Cadherin 16 Rabbit pAb (STJ110192) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunofluorescence analysis of paraffin-embedded rat kidney using Cadherin 16 Rabbit pAb (STJ110192) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.