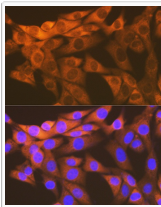
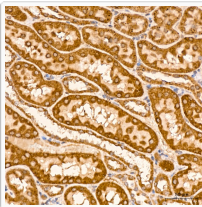


Anti-HSPE1 antibody (50-150) [S0MR] (STJ11102310)

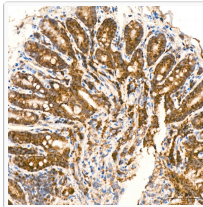
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 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, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: 11kDa
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	3336
Gene Symbol	HSPE1
UniProt ID	CH10_HUMAN
Immunogen Region	50-150
Immunogen Sequence	GSGSKGKGGEIQPVSVKVGDKVLLPEYGGTKVLLDDKDYFLFRDGDILGKYVD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 50-150 of human HSPE1/HSP10/CPN10 (P61604).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



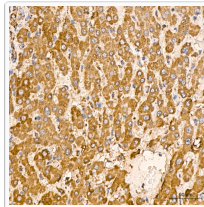
Immunofluorescence analysis of NIH-3T3 cells using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



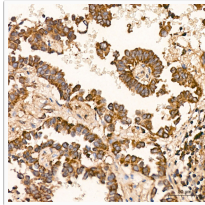
Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded rat kidney tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



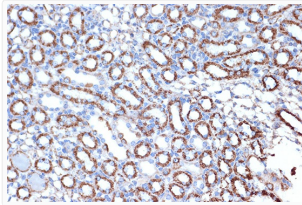
Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded mouse colon tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



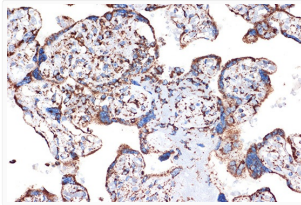
Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded human liver tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



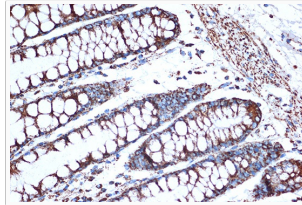
Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded human thyroid cancer tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



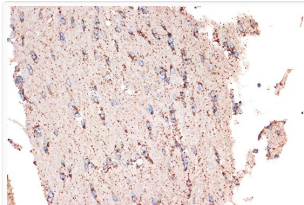
Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded mouse kidney tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



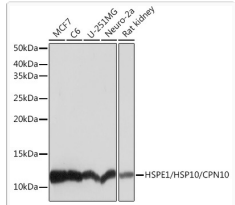
Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded human placenta tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded human colon tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HSPE1/HSP10/CPN10 in paraffin-embedded rat brain tissue using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using HSPE1/HSP10/CPN10 Rabbit monoclonal antibody (STJ11102310) 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: 1s.