

Anti-ECE1 antibody (670-770) (STJ27605)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

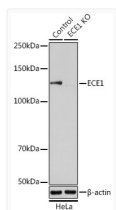
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 87kDa Observed Mw: 130kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

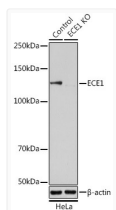
Gene ID	1889
Gene Symbol	ECE1
UniProt ID	ECE1_HUMAN
Immunogen Region	670-770
Immunogen Sequence	ADNGGLKAAAYRAYQNWVKKN GAHSLPTLGLTNNQLFFLG FAQVWCSVRTPESSHEGLIT DPHSPSRFRVIGSLNSKEF SEHFRCPGSPMNPCHKCEV W
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 670-770 of human ECE1 (NP_001388.1).

ADDITIONAL INFORMATION

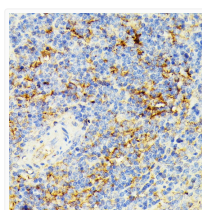
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



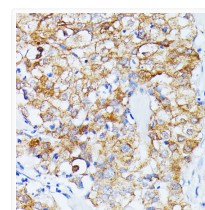
Western blot analysis of lysates from wild type (WT) and ECE1 knockout (KO) HeLa cells, using [KO Validated] ECE1 Rabbit pAb (STJ27605) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 5s.



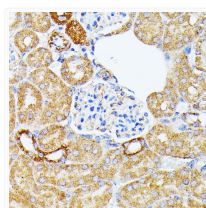
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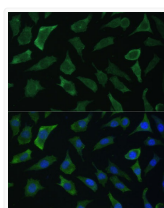
Immunohistochemistry analysis of paraffin-embedded Rat spleen using ECE1 Rabbit pAb (STJ27605) at dilution of 1:100 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human mammary cancer using ECE1 Rabbit pAb (STJ27605) 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 ECE1 Rabbit pAb (STJ27605) 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 L929 cells using ECE1 Rabbit pAb (STJ27605) 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.