

Rabbit ECE2 Polyclonal Antibody | anti-ECE2 antibody

ECE2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287751	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, Immunohistochemistry, ELISA

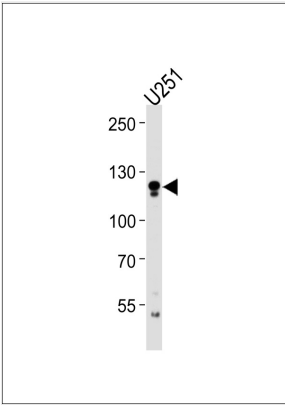
PRODUCT SYNONYMS

ECE2; Polyclonal Antibody; ECE2 Antibody (Center); Endothelin-converting enzyme 2; ECE-2; Methyltransferase-like region; 211-; Endothelin-converting enzyme 2 region; KIAA0604; anti-ECE2 antibody

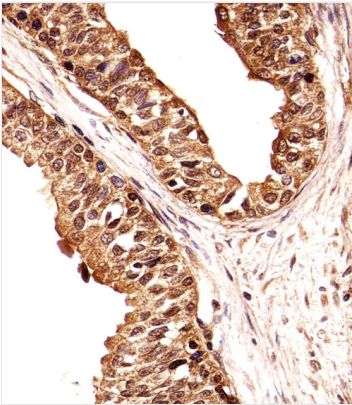
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ECE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 551-579 amino acids from the Central region of human ECE2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.31 (varies by lot)
Sequence Positions	551-579
Sequence Length	811
Applicable Applications for anti-ECE2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
ECE2 Antibody (Center) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the ECE2 antibody detected the ECE2 protein (arrow).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. prostate section using ECE2 Antibody (Center). AAA287751 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ECE2 antibody	Converts big endothelin-1 to endothelin-1. Also involved in the processing of various neuroendocrine peptides, including neurotensin, angiotensin I, substance P, proenkephalin-derived peptides, and prodynorphin-derived peptides. May limit beta-amyloid peptide accumulation in brain. May also have methyltransferase activity.
Product Categories/Family for anti-ECE2 antibody	Crown Antibodies; Cardiovascular; Signal Transduction
References	Lorenzo M.-N., et al. Biochim. Biophys. Acta 1522:46-52(2001). Funke-Kaiser H., et al. Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases. Nagase T., et al. DNA Res. 5:31-39(1998). Clark H.F., et al. Genome Res. 13:2265-2270(2003). Muzny D.M., et al. Nature 440:1194-1198(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	82617560
NCBI GeneID	9718
NCBI Accession #	NP_001032401.1; NP_001093590.1; NP_001093591.1; NP_055508.3; NP_115707.2
NCBI GenBank Nucleotide #	NM_001037324.2
UniProt Accession #	O60344; Q6NTG7; Q6UW36; Q8NFD7; Q96NX3; Q96NX4; Q9BRZ8; A5PLK8
Molecular Weight	99773
NCBI Official Full Name	endothelin-converting enzyme 2 isoform B
NCBI Official Synonym Full Names	endothelin converting enzyme 2
NCBI Official Symbol	ECE2
NCBI Protein Information	endothelin-converting enzyme 2
UniProt Protein Name	Endothelin-converting enzyme 2
UniProt Gene Name	ECE2
UniProt Synonym Gene Names	KIAA0604; ECE-2
UniProt Entry Name	ECE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ece2-antibody-western-blot-immunohistochemistry-elisa/287751>