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# ECE2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20460c

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P, E |
| **Primary Accession** | O60344 |
| **Other Accession** | Q80Z60, Q10711 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Bovine, Mouse, Rat, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Antigen Region** | 551-579 |

## Additional Information

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|---|---|
| **Other Names** | Endothelin-converting enzyme 2, ECE-2, Methyltransferase-like region, 211-, Endothelin-converting enzyme 2 region, ECE2, KIAA0604 |
| **Target/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. |
| **Dilution** | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration. |
| **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. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | ECE2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

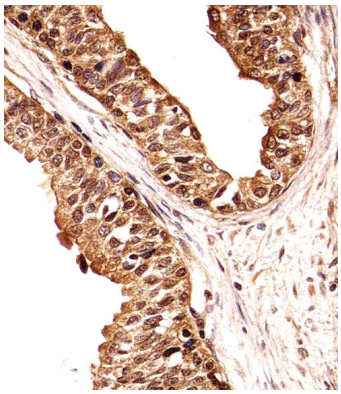
## Background

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.

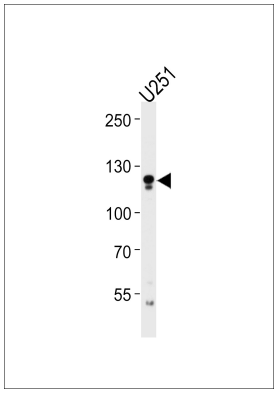
## References

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).

## Images



Immunohistochemical analysis of paraffin-embedded H. prostate section using ECE2 Antibody (Center)(Cat#AP20460C). AP20460C was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.




ECE2 Antibody (Center) (Cat. #AP20460c) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the ECE2 antibody detected the ECE2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.